

DIRECTORY ISSUE AUGUST 1960 25c

SCHOOL AND COLLEGE MANAGEMENT

Featuring Building, Maintenance, Equipment and Supplies, Food Service, Audio-Visual and Teaching Aids

LARGEST CIRCULATION AMONG SCHOOL AND COLLEGE ADMINISTRATORS



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PARENTS' ASSOCIATIONS AND SCHOOL RELATIONSHIPS

An outline for a solid basis of working together
for the good of the children

By WILLIAM JANSEN
Guest Educational Commentator



Mr. Jansen is superintendent of schools in New York City. This editorial is a condensation of his recent statement on the relationship of parents associations and the schools. It is the result of the joint thinking of supervisors, teachers, and representatives of the various associations of parents in New York City. It is not intended to serve as a model for other city school systems; nor is it to be construed in any way as a criticism of other forms of parent cooperation. It is simply a statement of the kind of relationships which have worked out very satisfactorily in the New York City schools over the years.

THE education of children is at its maximum when school, home, and community work together for common objectives—hence the constant need for maximum teamwork among school staffs, parents, and all other forces in the community interested in a better program of education.

The New York City school system is committed to the principle that the best interests of the pupil are served when the teacher and the parent work closely together. In the effort to create for all the children the best possible kind of school environment, the schools traditionally look to the parent groups for understanding and support. The past happy and fruitful relationship between parent groups and the school proves that a deepening understanding of mutual problems leads to more constructive solutions.

A well organized parents' association possesses rich resources for supplementing the educational efforts of the school. It provides opportunities for parents and the school to get together for the consideration of common educational objectives, and for the better solution of common problems. One outcome should be better informed parents, more intelligently concerned about the child's development in the home, school, and community, and more effective in reinforcing the efforts of the school.

The parents' association should bring about a better understanding of the school, of what it aims to do, how it tries to accomplish its objectives, and what it needs in order to do its work better. The process for accomplishing these purposes must be one of wholehearted cooperation, with both home and school working together for the better attainment of their common objectives. At the same time, the professional responsibility of the professionally trained school staff must be recognized.

As the administrative and pedagogic head of the school, the principal must accept the responsibility for leadership in maintaining desirable relationships among pupils, teachers, and parents. With this responsibility must

go commensurate authority. A principal should utilize all forces in the community to help him secure the best for his children. It is fitting, then, that the principal should be the one to call upon the parents of all his pupils to meet for the purpose of forming a school parents' association.

The call may be made directly to the entire parent group; or the principal may invite a committee of interested parents to lay the groundwork of an organization, and when preliminary plans have been made, to issue a call for all parents to come to a general meeting. In addition, the initiative in organizing a parents' association may also be taken by a representative group of parents.

The principal should be under obligation to recognize only one such organization in his school, and to work with it through a representative liaison committee in the same manner as the superintendent and the board of education work with representatives of city-wide parent organizations.

Experience indicates that the parent association type of organization functions most effectively in the complex New York City situation, and is therefore the type that should be encouraged. This principle does not mean, however, that a parent association should supersede a mothers' group or a parent-teacher organization where these are already in existence or where either is requested by the parents of a school.

It is desirable that active membership in a parents' association be limited to parents and guardians of children presently in the school. If provision is made for associate or honorary members, we believe that such membership should be for a limited time, and should not carry with it the right to vote or to hold office in the local association. While parents whose children are no longer in the school should not hold office, they can be of untold value in estab-

lishing a growing interest in the extension of the home, school, and community partnership.

From its inception, every parent association should (Turn to page 7)

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MILLIONS FOR SCHOOL PLANNING

More than \$4,000,000 has been advanced for school construction to cost nearly \$134,000,000

By HARRY HEWES

Information Officer, Community Facilities Service
Part I of a Two-Part Article

WIDESPREAD shortages in school plant facilities in many parts of the country are reflected in applications for planning assistance under the advance planning program of non-federal public works administered by the Housing and Home Finance Agency.

A report dated June 30 to HHFA Administrator Raymond E. Foley from Pere F. Seward, commissioner of the Community Facilities Service, lists 231 applications from school authorities as approved for planning advances, totaling

\$4,357,980. They run rather better than one out of four of all types of public works under the planning program, and will cost an estimated \$133,800,000. Other applications are under review.

Under this planning program, which was reactivated by Congress last October, a school district may obtain a non-interest bearing advance to bring blueprints and specifications for a school structure to a point where construction bids may be advertised. When construction is started the advance planning money is to be re-

turned into the United States treasury.

The program is operated by the Community Facilities Service, which also administered the first advance planning program, 1945-1947, during which more than 2,000 school districts and college boards received interest-free funds. Most of these advances have been repaid indicating that construction has been started.

Congress authorized \$100,000,000 for the new program and made an appropriation of \$25,000,000 immediately avail-

able to get it started. Community Facilities Service was transferred on May 24 to Housing and Home Finance Agency from the General Services Administration.

The projects range from small classroom additions in small communities to big consolidated schools in rural areas, and extensive, modern city plants. Gymnasiums, auditoriums, and cafeterias have been accepted in all sections as proper adjuncts of school buildings, as the following list shows.

PUBLIC SCHOOL APPLICATIONS

Location	Type	Estimated Cost	Planning Advance	Location	Type	Estimated Cost	Planning Advance
ALASKA				San Diego County			
Juneau	12-classroom grammar school	\$ 525,000	\$ 20,000	Alice Birney School	24-classroom elementary school, assembly-room-cafeteria	\$ 536,800	\$ 26,400
ARIZONA				Bird Rock School	18-classroom elementary school, assembly-room-cafeteria	424,012	19,800
Flagstaff	Elementary school, lunchroom, auditorium	136,688	4,660	Chollas Valley School	12-classroom elementary school, assembly-room-cafeteria	287,250	13,200
Maricopa Co.	Auditorium and music room	88,970	3,360	Lakeside	Additions	138,877	6,840
Parker	Gymnasium	120,000	4,200	LaMesa	Additions, kindergarten	191,969	9,740
"	High school addition	80,000	2,800	Lemon Grove	Additions	198,709	10,320
Phoenix	New school with cafeteria	200,000	7,000	24-classroom elementary school, assembly-cafeteria			
"	Additions to two schools	131,280	4,720	Olive Orchard	7-classroom elementary school, kindergarten, cafeteria	540,200	26,400
"	New primary school	197,000	7,500	Santa Margarita	Junior high school with classrooms, auditorium, cafeteria, library shops, science units, and 7-classroom elementary school addition	216,022	11,960
"	Additions	144,100	5,440	Vallejo (2 units)		989,410	41,340
Pima County	High school field house	106,970	3,980	CONNECTICUT			
"	Two classroom buildings	259,047	9,400	New London	40-classroom senior high school for 2,100 with gymnasium, auditorium, cafeteria	1,428,460	59,120
CALIFORNIA				GEORGIA			
Beaumont	High school shop building	32,680	1,780	Walker County			
"	2-classroom addition	23,980	1,300	Cobb County	New 16-classroom Campbell high school with connected gymnasium and auditorium	318,500	11,600
"	Music room	26,304	1,420	"	12-classroom Eastside high school, including auditorium-gymnasium and cafeteria with shops and canning plant	301,681	11,300
Boonville	Additions	125,940	5,400	Elementary school additions including classrooms, library, cafeteria, clinic			
King City	High school gym, pool, cafeteria	640,540	31,240	Cedar Grove	6-classroom high school for Negroes with library, auditorium, lunchroom, clinic	62,141	2,580
Los Angeles County				"	Additions including 2 cafeterias, library, assembly room	69,442	2,940
Artesia	Elementary school additions	55,018	2,320	Lafayette	Shops, bus repair shop, canning plant	146,100	6,200
"	New classroom building with home-making, music and art units, cafeteria, library, shops, and offices	643,095	31,800	"	Osborn Dist	53,447	2,200
Downey	18-classroom elementary school with library and two kindergartens	541,344	27,320	Lafayette-Chickamauga	4-classroom addition; gymnasium	31,345	1,320
"	5-classroom elementary school, 2 kindergartens	190,626	7,920	Osborn Dist	9-classroom elementary school with library, lunchroom, auditorium	88,219	3,740
"	6-classroom elementary school addition	212,865	11,300	Rock Springs	IDAHO		
"	Elementary school additions including kindergarten and cafeteria	147,392	7,740	Blackfoot	School for 2,200 pupils	643,600	24,400
Duarte	13-classroom elementary school, cafeteria-auditorium	448,514	19,680	McCall	School with gymnasium	250,000	10,600
"	New elementary school, cafeteria-auditorium	388,973	15,540	Moscow	12-classroom school with cafeteria, assembly-room, library	392,500	14,620
Manhattan Beach	Classroom, cafeteria, and gymnasium building at South Bay Union high school	743,000	41,280	Pocatello	Two grade schools, each with 12 classrooms, lunchroom, and library	690,000	24,000
"	Additions to three elementary schools, one cafeteria and one kindergarten	355,225	19,960	ILLINOIS			
Monrovia	Two classroom buildings	347,630	19,300	Capron	12-classroom high school with library, shops, gymnasium-auditorium, commercial and science units	629,802	26,540
Palmdale	Elementary school addition, classrooms, kindergarten	114,950	4,800	Des Plaines	2-classroom grade school addition	33,000	1,240
Paramount	Two elementary schools, 2 libraries, cafeteria	552,784	30,260	East St. Louis	High school for 2,000 pupils with auditorium and gymnasium	3,500,000	120,000
Pico	4-classroom elementary school, kindergarten	132,466	7,180	Flossmoor	8-classroom addition	240,000	10,000
"	22-classroom elementary school, shops, cafeteria	579,289	32,360	Hollywood	Classroom additions, auditorium, gymnasium	236,360	9,260
Puerto	5-classroom elementary school, kindergarten and cafeteria; additions to a second school including shops, home-making units	311,042	14,460	Orangeville	Junior-senior high school for 300 pupils, with cafeteria and gymnasium	411,900	14,600
Rivera	New school with classrooms, shops, home-making units, offices	785,300	37,840	Peoria County	High school plan study (Barton-Bellevue)	1,049,000	2,900
"	16-classroom elementary school, 2 kindergartens	360,670	20,140	Rantoul	22-classroom junior high school, cafeteria	792,600	29,400
"	Elementary school additions	331,000	15,440	Savanna	Additions	146,761	5,620
West Covina	8-classroom elementary school, kindergarten	277,623	12,340	IOWA			
"	6-classroom elementary school, kindergarten, shops and home-making units	351,824	15,860	Farmington	Gymnasium	53,700	2,240
Madera				La Porte City	Junior high and consolidated school, gymnasium	441,387	
"	New school including library, cafeteria auditorium	768,758	39,540	KANSAS			
"	Elementary school, kindergarten, library	390,074	19,800	Kansas City	Elementary school addition	30,000	1,260
"	Elementary school, kindergarten	273,213	13,340	(Turn to page 6)			
Monterey	Elementary school addition with kindergarten, library	225,048	10,820				
"	New elementary school, kindergarten, library	389,000	18,000				
Oceano	Elementary school, kindergarten, cafeteria, and home-making unit	439,047	25,800				
Pismo Beach	New school, kindergarten, shops, home-making units	540,942	31,760				
Sacramento Co.	Elementary school additions	196,750	9,600				
"	Home economics and library buildings	547,980	26,280				

A NEW elementary school in Berea, Ohio, a suburban city of Cuyahoga County, is drawing much attention. It is claimed to be the first bilaterally lighted school structure in that state. But that's just *one* of the claims made for the Fairwood Elementary School. The fact is the structure represents so many valuable new features of construction, equipment, and economy that it reflects a great deal of credit on the community. And it demonstrates the advantage of a small city in employing a firm of local architects with keen personal interests in the civic problems of the community.

Earl Mellenbrook, of Mellenbrook, Foley and Scott, is practically a home-town boy in Berea, although he was born in an adjoining village. He and his partners, Tom Foley and Franklin Scott, have lived in Olmsted Falls and Berea respectively for many years, carrying on in their architectural practice an association begun when all three were students at Ohio State University's School of Architecture. The firm located in Berea in the thirties when young architects starting out for themselves ran into a good many difficulties keeping the overhead from overtaking the gross receipts.

In those days architects took an intensive training in economy. Problems that came their way often required a devotion to architecture that found reward in doing. So, long before the postwar boom was dreamed of, Mellenbrook, Foley and Scott had developed a following for their capacity to produce new, fully modernized public buildings that respected budgets and looked more expensive than their actual cost.

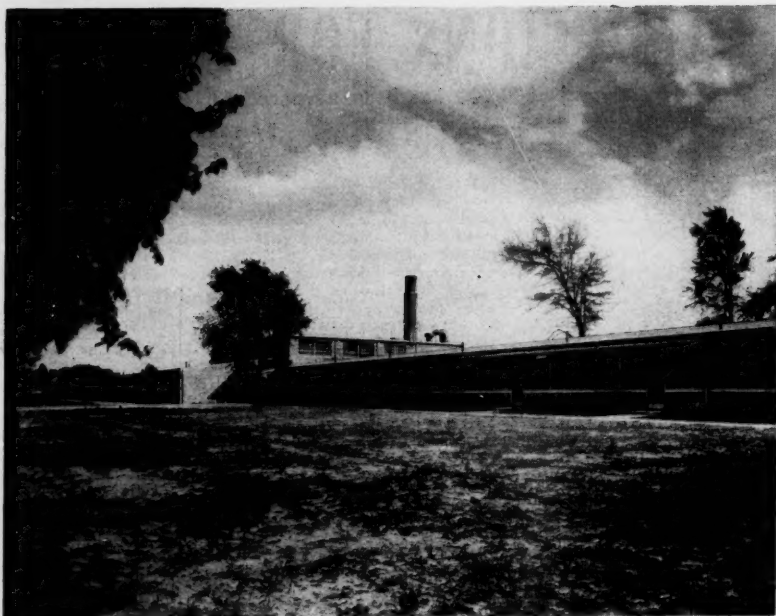
When several circumstances conspired, as a result of war and postwar conditions, to produce a rapid increase in Berea's population, the old school buildings were packed to the seams. New school buildings were needed in a hurry. But materials were scarce and labor was very high and hard to get through 1947 and 1948. A bond issue voted in 1945 provided the practical starting point.

C. A. Thomas, president of the board of education, and John F. Koepp, superintendent of schools, in collaboration with civic leaders and the architects, got the school expansion program under way with their appreciation of the scope and complexity of the problem.

The high wartime birth rate and an insufficient number of schoolrooms produced a maximum problem for the youngest school-age children. The double desire to take care of this acute problem in a manner appropriate to Berea's prestige as an advanced residential community, and to conserve resources, influenced two early decisions. The site should be large enough to provide ample outdoor playgrounds, and large enough to permit one-story construction in an attractive setting. Relatively low cost acreage was acquired, 10.75 acres for \$11,475 just slightly more than \$1,000 an acre. The site was large enough to meet the present objectives and permit later expansion without sacrificing the principal goals.

Since the school district contains approximately 26 square miles and includes besides the city of Berea, the villages of Brookpark and Middleburg Heights, and Riveredge Township, the necessity for thinking about future expansion is at the top of the school board's program. The influx of new population to the housing facilities developing in this area strains Berea's school facilities.

An 80-year old structure which has served Berea children since post-Civil War days was expected to go out of service with the erection of the Fairwood school. However, since population growth during the planning and building of the new structure did not permit enough leeway, the old school will get just a



An economically built school can be attractive, too

Ohio's First BILATERALLY LIGHTED SCHOOL

It's the Fairwood Elementary in Berea, a suburb near Cleveland

By J. L. TUGMAN

Engineering Division, Lamp Department, General Electric Company
From an interview with the architects

year's respite. In that interval it will be refitted temporarily to serve until another 16-room elementary school, scheduled for 1950-51, can be completed. Fairwood school, with 12 classrooms on one floor, exemplifies the latest techniques in elementary school design. It includes kindergarten, assembly room, cafeteria and kitchen, teachers' and children's rest rooms, and auxiliary service spaces. The project includes sidewalks, paved drives, a paved play and parking area, and a separate paved and fenced area for kindergarten play.

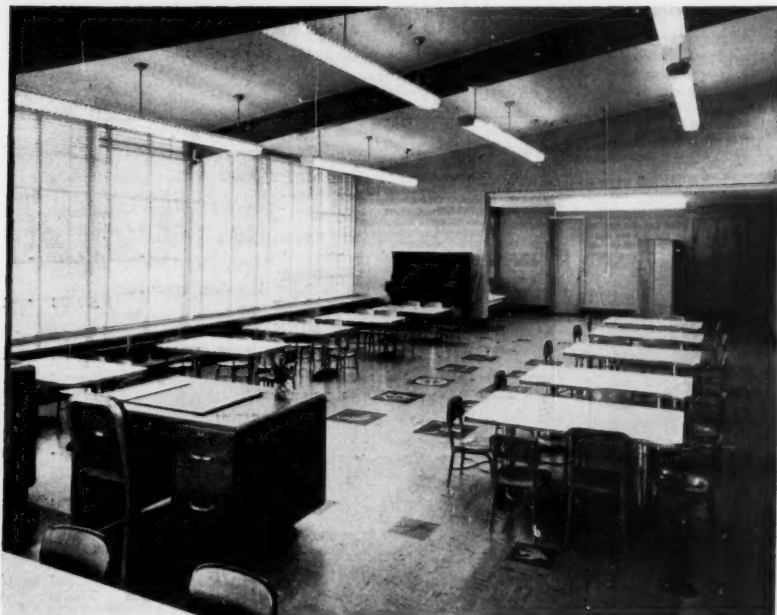
Special equipment in each classroom comprises wardrobes, project table, reading table, workbench, storage cabinet, bookcases, combination teacher's wardrobe and storage cabinet. All are movable, allowing a variety of arrangements for various types of teaching. The wardrobes have soft plywood backs for use as additional display space. A double wash sink with drinking fountain is furnished in each room.

Room arrangement is highly flexible. Partitions between rooms are non-load-bearing and

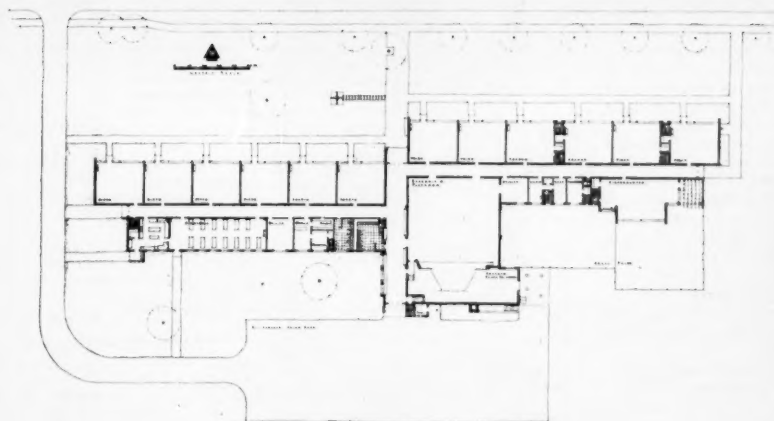
may be removed or rearranged on a five-foot four-inch module to create smaller or larger rooms as future requirements demand.

Fairwood school's bilateral lighting, which derives from the construction methods employed, is particularly interesting. While the appearance of the classrooms is thus strongly conditioned by the high utilization of natural illumination, the general objective of comfortable seeing is not made dependent up on vagaries of weather. The architects recognized that in the Great Lakes region dark, sunless days are frequent during the school year. So there is ample provision for artificial lighting which insures good seeing conditions on dark days, and supplements natural light at times when its delivery is likely to be more distracting than useful.

All main windows are oriented to the north, with clerestories of light-directing glass block to the south. This arrangement minimizes the need for sunlight control, and permits high level lighting over the width of classrooms. The artificial lighting with a system of direct-



Teachers enjoy their modern metal desks and chairs



Here's a simplified floor plan of the new building

indirect equipment provides the balancing factor that operates against the extremes of the widely varying sky conditions.

The typical classroom plan for artificial lighting consists of three rows of modern two-lamp 40-watt louvered fluorescent units. These suspended egg crate luminaires, with 36 lamps, with the three rows broken by the characteristic sloping beams (which eliminate weight bearing walls), are capable of producing comfortable lighting of approximately 40 foot-candles. This potential from artificial lighting alone is augmented by the care devoted to all room surfaces to insure high utilization of the lighting. While no plaster is used anywhere in the building, the concrete block partition walls, painted in individualized pastel colors for each classroom, suggest a new and economical way of producing appearance refinements. (Dadoes are painted a darker shade.) The light-colored asphalt tile, the blond modern furniture, and the large area of window space all contribute to the visual satisfactions of the classrooms.

While Fairwood is not now used at night, the available facilities are capable of accommodating adult education classes in superior fashion. The handsome auditorium (assembly-play room) with its high ceiling and its near-professional stage equipment, attracts parents to entertainments and meetings. Here they see how ingeniously the space can be used for an indoor recreation area (with all chairs removed) as well as for assemblies and dramatics.

The assembly room with its stage is larger than necessary for the elementary school in itself, but it was planned for community functions with direct access from the street or parking area. It is so located that most other portions of the building need not be opened or used.

The combination assembly and play room seats 500 people. Folding chairs are stored on wheeled carts in the utility room when not needed.

Lighting for the auditorium is provided with
(Turn to page 8)



Bilateral lighting is augmented with fluorescent



Room is used for assemblies and as a playroom



Filament lighting was chosen for the cafeteria



Concrete block walls are painted in gay pastels



Desks, chairs, and asphalt tile are light-hued

Beautify Your Grounds

NATIONAL Garden Institute, a division of Friends of the Land, 1368 North High Street, Columbus, Ohio, is sponsoring a school grounds beautification contest. (Write them for an entry blank).

Those entering the contest should take a picture of the area before the program of beautification is started, and then take another after improvements

have been made and the plants have had a chance to grow.

Every school completing the beautification of its grounds will receive a certificate of honor. The winning project in each state will receive a \$50 bond. A national award of a \$100 bond will be given to the best entry in the nation. Judges will be well-known authorities.

Final entry date is October 31, 1950. Awards will be announced by December 15, 1950.

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MILLIONS FOR SCHOOL PLANNING

(Continued from page 3)

Location	Type	Estimated Cost	Planning Advance
MASSACHUSETTS			
Marlborough	High school addition, auditorium-gymnasium	\$ 422,700	\$ 27,700
MARYLAND			
Hagerstown	12-classroom elementary school, kindergarten, cafeteria	433,000	10,000
Calvert County			
Chesapeake Beach	School	164,500	6,000
Chaneyville	High-school addition	69,950	3,000
Prince Frederick	High-school addition including cafeteria, gymnasium-auditorium	339,870	12,000
MINNESOTA			
Forest Lake	High school addition including gymnasium-auditorium	328,700	14,240
International Falls	School	389,232	15,160
Middle River	School with gymnasium	138,000	6,240
MISSISSIPPI			
Harrison County			
Fernwood District	Classroom additions, cafeteria, bus garage	96,917	3,240
"	Gymnasium	90,785	3,060
MISSOURI			
Amsterdam	School	160,000	6,740
Blue Springs	Elementary school for 264 pupils	236,080	7,480
Braymer	School with auditorium	289,000	11,700
Craig	School with gymnasium-auditorium	169,433	5,580
"	Agricultural shop building	26,567	1,360
Festus	High school with gymnasium-auditorium	392,316	14,000
"	8-classroom elementary school	89,000	2,100
Hardin	School with gymnasium	62,200	2,700
Jackson	Auditorium-gymnasium	233,500	8,800
Maitland	School with auditorium-gymnasium, cafeteria	165,000	5,360
Otterville	School for 400 pupils, auditorium-gymnasium	174,000	5,580
St. Louis (8 projects)	Two primary schools each with 8 classrooms, kindergartens, lunchrooms, auditoriums	220,750	9,000
"	Three elementary schools, each with 22 classrooms, 2 kindergartens, gymnasium, auditorium, cafeteria, library, industrial arts and home-making units, audio-visual room, nurses' room	3,204,000	60,000
"	Hadley Technical school additions, gymnasium pool, auditorium	1,969,500	35,000
"	Stadium seating 2,500	261,000	6,000
"	High school additions including 12 classrooms, auditorium for 1,400, cafeteria for 700, gymnasium, pool	1,575,900	30,000
NEW HAMPSHIRE			
Weare	6-classroom elementary school	83,700	3,060
NEW JERSEY			
Haddon Twp.	20-classroom school with cafeteria, library, gymnasium-auditorium	501,000	20,700
Camden Co. Keyport	10-classroom high school addition including shops, cafeteria, offices	450,000	19,000
Mountainside	Cafeteria-auditorium building	298,900	8,000
Nutley	16-classroom junior high school for 500 pupils; auditorium-gymnasium	950,376	39,000
Ramsey	12-classroom elementary school, clinic	305,100	12,160
River Edge	Additions	363,500	12,000
So. Hackensack	Elementary school	185,000	6,040
Watchung	Additions	55,000	2,240
West Orange	Additions	198,200	10,500
Westwood	High school gymnasium, cafeteria, offices	230,500	8,320
WoodRidge	10-classroom elementary school, 2 kindergartens, library, nurses' room	127,500	7,680
"	11-classroom school, library, auditorium-gymnasium	432,000	11,000
NEW MEXICO			
Portales	4-classroom junior high school addition	37,270	1,200
"	5-classroom elementary school addition	56,100	2,000
"	5-classroom grade school addition	45,500	1,500
NEW YORK			
Baldwinsville	43-classroom junior and senior high school with shops, cafeteria, gymnasium	2,152,000	59,000
Freeport	16-classroom elementary school, 2 kindergartens, gymnasium, library	895,000	39,900
Jamestown	20-classroom elementary school with kindergarten, gymnasium, library, auditorium for 650	1,034,880	35,600
"	20-classroom elementary school with kindergarten, gymnasium, auditorium	906,160	30,900
"	8-classroom addition	220,361	7,860
Richmondville	Additions including cafeteria	126,868	4,720
Schenectady	High school with gymnasium, auditorium, shops	4,032,000	158,200
"	Junior high school addition for 450 pupils	862,000	31,500
"	Three elementary schools with 24 classrooms, libraries, gymnasiums	1,335,000	47,240
"	Elementary school additions	501,000	19,120

(Turn to page 24)

Parents' Associations, School Relationships

(Continued from page 2)

be encouraged to develop close and friendly working relationships with the principal, seeking his advice and assistance, and feeling free to bring to his attention problems involving either a number of parents as individuals or the association as a whole. Experience has shown that this relationship is best achieved through a liaison committee of the parent association, meeting regularly with the principal.

It is expected that the participation, cooperation, and guidance of the principal or his representative will result in a close relationship between the school and the parents' association, based firmly on mutual understanding and trust. School personnel should accept the responsibility for interpretation to parents of methods, procedures, and practices of the staff. The school superintendent, in conjunction with parents' associations, should be willing to further the education of school personnel in parent relationships through the institution of in-service courses; and parents' organizations, in turn, should be willing to inaugurate an educational program of courses in school relationships for parents.

Function of School Staff

It must always be recognized that matters of school personnel administration, methods of teaching, and supervision are the proper function of the school staff.

When the program involves participation of young children in entertainments or demonstrations of school work, this should be done at afternoon meetings or in the early part of the evening meeting. But in order that all parents may participate, provision should be made for some evening meetings.

Partisan politics tend to disrupt the proper functioning of a parent association and, therefore, have no place in parent-school relations. Good programs can be concerned with such topics as parent education, legislation affecting the education of children, expert interpretation of the curriculum, problems affecting the health and safety of children, and the design of after-school programs.

Collection Through School

If a parent association and the principal both desire to collect dues through the school, the collection should be made with the following safeguards:

1. It should be carried out by a committee of parents under a plan mutually worked out by the parents' association and the principal.
2. Extreme care should be taken not to have any pressure exerted on a pupil to have him urge his parents to pay dues. It is not desirable, for example, to bring pressure upon pupils through such devices as 100 percent membership banners, pledge cards, and class awards.
3. The dues should be paid directly by the pupil to a representative of the parents' association.
4. Dues collection should take place once or twice a year at regular times.

A parents' association need not feel obligated to contribute gifts to the school, but may do so on its own initiative. The educational budget should provide sufficient money for needed school materials, equipment, and incidental expenses so that children in less favored communities will receive the same opportunities as those in more favored neighborhoods.

Because it is the duty of a board of education to see that school buildings are used in accordance with the education law, school authorities must reserve the right to observe and report on all meetings held in school buildings.

Minnesota Makes Use of Tape Recordings

LOW-COST recordings of educational radio programs have become important educational tools in Minnesota schools. A mail-order tape service has been devised which makes good recorded material available at a price within the range of even the smallest school, reports *Audio Record*.

The procedure is very simple. The state education department is building

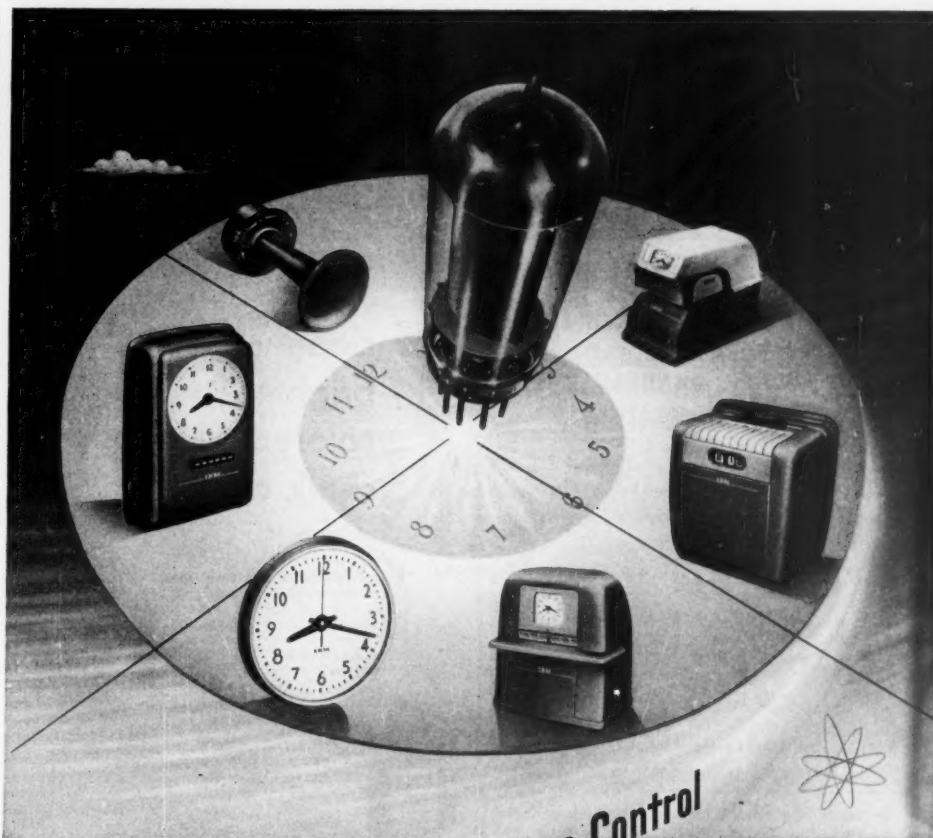
up an extensive library of master tape recordings covering the complete range of subjects appropriate for classroom use. These recordings are secured from the University of Minnesota Radio Station KUOM, from the networks, and through the U. S. Office of Education.

The only investment the individual school makes is the purchase of suitable tape recorders and reels of recording

tape. A catalog of the master recordings, with monthly supplements to keep it up to date, is sent to all interested schools. The teacher fills in an order form specifying the programs wanted, the type of machine on which they will be reproduced, and the desired recording speed in feet per second.

This form is sent in to the Department of Education with the required number of reels of blank tape. The desired selections are then recorded from the master

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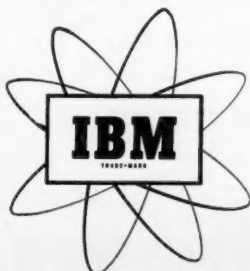
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Minnesota Makes Use of Tape Recordings

(Continued from page 7)

tape on the blank reels, which are promptly returned to the teacher.

Recordings made in this fashion can be played and then erased, kept on file for future reference, or transcribed on to discs for permanent record. The actual cost of the records is only the required postage and the tape itself.

Details of the program were worked

out by Richard C. Brower, audio-visual-radio director for the Minnesota Department of Education, and Betty T. Girling and other staff members of Station KUOM.

National Broadcasting Company has granted the right to the Minnesota Department of Education to record four of its public service programs. They are:

"University of Chicago Roundtable," "American Forum of the Air," "Living—1950," and the monthly United Nations Documentary broadcasts on the America United series.

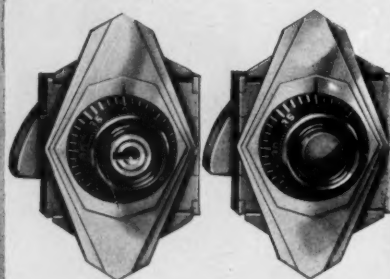
Many schools are also using tape recordings on an individual basis. Harold Hainfeld, writing in the *Audio-Visual Guide*, reports great success with them in Union City, New Jersey. Roosevelt School records programs on the New York City and Newark board of edu-

cation stations, and has also used commercial programs. When these are taped, the commercials are cut out and the tape is spliced. By that method, a half hour program is cut down to 23 minutes, which allows for discussion periods in a 45-minute class. They are used to introduce the material.

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As a result of the use of new tape recording techniques, 75 percent of the music students attained 200 percent of the results normally to be expected, reports Dr. Frank B. Cookson, assistant professor of theory and composition at Northwestern University School of Music. And the teacher was able to put his time to better use. For the experiment, repetitive drills were recorded on tapes with the Soundmirror tape recorder and used in teaching beginning music students.

Ohio's Bilaterally Lighted School

(Continued from page 5)

750-watt filament lamps in high mountings. Filament equipment is also used in the school cafeteria. In both locations, where the space is used less intensively, and where lower levels fulfill requirements, filament lighting appealed to the architects as the best solution. The same attitude influenced the architects' choice of equipment for the kitchen. This room with its gleaming, sanitary stainless-steel fixtures is amply lighted with a general system of direct filament lighting in enclosing globes.

Steam heat is provided through radiators, convectors, and unit ventilators. The ventilating system provides fresh outside air up to six complete changes per hour. Natural cross ventilation through windows is provided in all classrooms. In the boiler room are two coal-fired steel boilers, one stoker-fired and one hand-fired. One boiler has sufficient capacity to heat the entire building at all times; the second boiler serves as emergency stand-by equipment. Space is provided in the boiler room for a third boiler to be installed when the building expands.

Hot and cold water piping is copper. A pipe tunnel extends around the entire perimeter of the building permitting access and easy maintenance for all water, gas and steam piping, sewers, and electrical conduit. The tunnel also provides partial radiant floor heating for rooms above. The kindergarten has radiant heating in its floor.

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The construction costs including general work, plumbing, sewers, heating, ventilating, electrical work, sidewalks, paved drives, paved play and parking areas, fences and rough grading, total \$390,775. Furniture, furnishings, equipment, and architect's fees amount to \$47,225 making a total cost of \$438,000.

Total cubage of the building is 485,500 cubic feet, including all interior occupied spaces, boiler and fuel rooms, and access pipe tunnels. Unit costs were 80 cents per cubic foot for construction only and 90 cents per cubic foot for the complete project.

Whose Job Is The Repair of Visual Equipment?

By AMO DE BERNARDIS
Director of Instructional Materials
Portland, Oregon, Public Schools

Condensed from Educational Service

TODAY the classroom teacher commands a battery of instructional equipment with which she can do a better job of teaching. This includes motion picture projectors, slide and film-strip projectors, opaque projectors, radios, phonographs, transcription players, tape and wire recorders. Before long it will include a television set.

But these classroom tools of progress demand their price. Audio-visual equipment requires care and repair. If a motion picture projector isn't operating, all the skill and knowledge used in making the film and all the teacher's effort in planning and presentation is lost. It is extremely important, therefore, that schools make sure they secure proper service for such equipment, either by sending it out to the dealer or manufacturers, or by maintaining their own repair departments.

It seems obvious that the method adopted depends upon:

1. How many pieces of equipment are owned by the school system.

2. How frequently these pieces are being used.

3. How closely the audio-visual program is integrated with the school curriculum.

4. Which method is more economical.

But this does not seem to be the case. The writer sent a questionnaire to 39 school systems varying in enrollment from 4,051 to 485,037 pupils. Thirty-three (84 percent) responded. The questionnaire sought the following information:

1. The number of systems maintaining their own service departments, and the number using dealers' service.

2. The number of pieces of equipment each system used.

3. Proportion of the budget allotted to the audio-visual program.

4. What the systems thought of the relative merits of maintaining their own service departments or using outside facilities.

What Is a Minor Repair?

Of the 33 respondents, 16 reported they maintained their own service and repair staffs. Twelve school systems sent all equipment to the local dealer or outside repair shop. The rest reported they did only minor servicing and repairing themselves, but any equipment requiring major repairs was sent back to the factory or to the local dealer. (It is difficult to determine from the returns just what the local school system considers a minor repair. Most likely it means nothing more than changing a tube or repairing a cord—something requiring only the most elementary technical ability.)

Eighteen school systems reported that they employed trained technicians to care for emergency breakdowns. Seven others reported using the delivery man, the school system's photographer, the audio-visual coordinator, even the director himself.

Excellent though these people may be in their respective spheres, it is doubtful whether their combined talents always prove adequate to trouble-shooting a balky projector. In the end they might send equipment needing even minor emergency repairs to the nearest dealer and hope he has the time and willingness to do a rush job. (That's what eight systems do regularly.)

The data assembled showed no cor-

relation between the amount of equipment owned and the service method employed. Some school systems with relatively few projectors maintain their own service departments. Others with many more machines do not. One city with only 38 projectors maintains a complete service department of its own. A number of school systems using over 100 projectors each have no service departments at all.

There was a great deal of variation

in the number of trained personnel employed in the service departments. One department employs three technicians to service 64 projectors, while another has only one repairman for 222 projectors. No doubt the three technicians in the first school also service many other types of audio-visual equipment. In fact, some audio-visual departments service all kinds of materials and equipment.

There was also a wide variation in the amounts of money the various sys-

tems spend on their audio-visual programs. It is difficult to make an accurate comparison of budgets since some school systems include salaries in their audio-visual budgets, others include everything but salaries.

One city reported spending only 28¢ per pupil on audio-visual instruction, while another spent \$4.93.

The amounts listed for care and maintenance show an even greater variation.

(Turn page)

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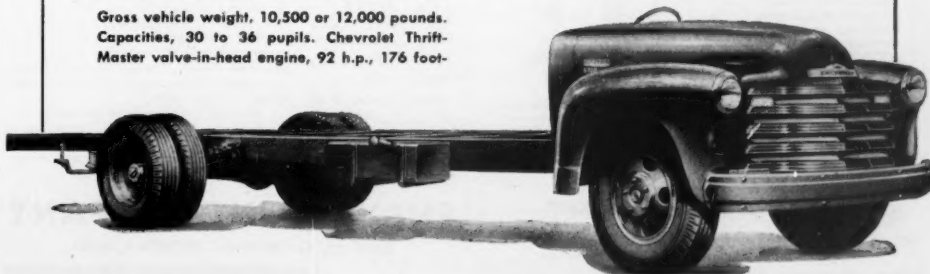
161-INCH WHEELBASE SCHOOL BUS CHASSIS

Gross vehicle weight, 10,500 or 12,000 pounds. Capacities, 30 to 36 pupils. Chevrolet Thrift-Master valve-in-head engine, 92 h.p., 176 foot-

pounds torque (pulling power) under 35 m.p.h. governed speed.

137-INCH JUNIOR SCHOOL BUS CHASSIS

Gross vehicle weight, 7600 pounds. Chevrolet Thrift-Master valve-in-head engine, 92 h.p., 176 foot-pounds torque (pulling power) under 35 m.p.h. Capacity, 16 pupils.



Whose Job Is It?

(Continued from page 9)

One school system said one percent of its total audio-visual budget was spent for repairs. Another reported 26.6 percent for the same service. Apparently the two systems are not using the same frame of reference.

Although only 16 of the 33 cities reported maintaining a complete repair system of their own, 27 considered that

method best. Of this group 14 pointed out that school-operated service would mean greater efficiency, speed, and economy. Ten made much of the importance of immediate repair to minimize time loss.

Certain disadvantages in operating service departments in the schools were pointed out. A few respondents commented on the initial cost of setting up a service unit. Eleven pointed out that if the amount of equipment was not great enough to keep a full-time technician

constantly busy, operating costs would be high. About one-fifth of the respondents mentioned the difficulty of obtaining and keeping adequate parts.

The conclusion drawn from the data is that school systems should operate their own service departments. Since we are going to use more and more mechanical equipment in our schools, it is necessary for every system to meet the maintenance problem squarely and to handle it efficiently.

For more facts use Inquiry Card. S&CM-6A



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Other units to be produced for this series are "Johann Sebastian Bach" and "The Violin Family."

Plans for other series include "Piano Adventures," by Mary Van Doren, which will interpret great composers; an historical series of American folk songs with Martha King as performing artist; and a series for very little children, entitled "Fun with Rhythm."

These unusual and authoritative materials are prepared under the direction of Felix Guenther of New Haven State Teachers College with an active advisory committee composed of Erich Leinsdorf, conductor; William O'Toole, director of the Conservatory of Music in Trenton, New Jersey; Dr. Hans Rosenwald, dean of Chicago Musical College; Dr. Sigmund Spaeth, musicologist; and Dr. Louis G. Wersén, director of music education for the Philadelphia Public Schools.

The materials are available from the Sound Book Press Society, 304 East 44 St. New York 17, N. Y.

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Fire Problems of Universities, Colleges

By **RAYMOND W. SEIDEL**
Supervisor, Safety Division,
Cornell University

*Condensed from a talk before the
National Fire Protection Association*

THE protection of colleges and universities against the hazards of fire entails as many problems, headaches, and set-backs as industrial or municipal protection. Cornell, like many other universities, is a city within a city. We have a daytime population of approximately 15,000 persons. We have the careless smoker, the youthful prankster, and the absent-minded professor. We have valuable manuscripts and records scattered all over.

We also have every type of fire hazard that any place else has. On the credit side is the fact that the vast majority of our 15,000 are well educated persons. It makes a prevention program that much easier.

Old Buildings Burn Easily

Another factor working against educational institutions is the antiquity of the buildings. The interiors were constructed so that they burn and burn quickly. This includes not only classroom buildings, but places of public assembly, dormitories, and fraternity and sorority houses.

There are budget difficulties at all educational institutions and there aren't enough funds to make necessary improvements. Also against us is tradition. There is even hesitation about erecting outside fire escapes on academic buildings because their appearance might be spoiled.

At Cornell we have two full-time men on fire service and one who devotes half-time to it. They work under the safety division of buildings and grounds. Personnel in every other division have specific responsibilities related to fire prevention and protection. The building custodians are particularly fire conscious. Many of them can even regulate smoking.

All members of the campus patrol, which includes patrolmen and watchmen, are also schooled in fire matters. They have had numerous opportunities to nip fires in the incipient stage.

The majority of fires in collegiate institutions have destroyed property only. Where there has been no loss-of-life fire, it may be the natural supposition of the officials that one is not possible. It is difficult to get them to take precautions, particularly if the cost is great.

Emphasize Safety to Life

The insurance companies are also to blame for diverting us away from the emphasis on safety to life. The recommendations of the company which insures Cornell are all designed for property protection. About a year ago I realized that we were emphasizing property protection too much and not doing as much as we should for safety to life.

It is true that by meeting the requirements of the insurance company and by keeping our sprinklers, standpipes, and extinguishers regularly inspected we are lessening the dangers to the daytime occupants of the buildings. But there are still other problems to consider on a campus like ours.

The permanent dormitories at Cornell are not considered a serious problem. Because there aren't enough of them, however, students live in converted rooming houses called cottages and in off-campus rooming houses of similar construction. These and many of the fraternity and sorority houses were built many, many years ago.

We are working to give them alarm systems and other modern improvements, but until the purse strings are opened wider, we must emphasize prevention in every possible way. We give talks showing residents of cottages and sorority houses how to use extinguishers and how to recognize, eliminate, and prevent hazards. We have rigid inspections and we seldom find infractions of the rules.

Fraternities are independently owned and operated, and we do not provide

them with fire service. However, we do have a voluntary contract with them to service their extinguishers, make inspections, and submit recommendations, for a small fee. The Intrafraternity Council has also just legislated that all member houses must pass an annual inspection by the Safety Division of the Ithaca Fire Department or be stricken from the Council Handbook.

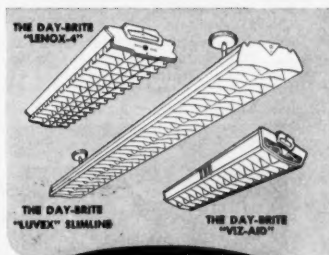
How does Cornell compare with other colleges and universities? Questionnaires

on fire protection were sent to the 121 members of the Association of Physical Plant Administrators of Universities and Colleges some months ago. Eighty of them replied. From the replies we can see a definite weakness in protection and wide variance in degree of protection.

This is a serious situation. Each college should see and accept its moral responsibility for providing complete fire protection for its entire family of students, faculty, and staff.

For more facts use Inquiry Card. S&CM-10A

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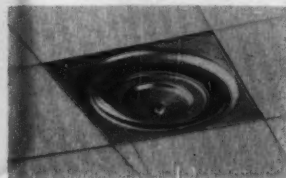
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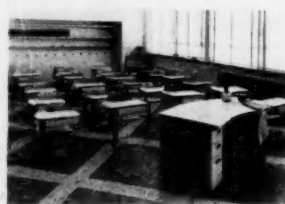
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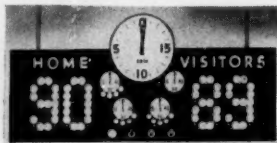
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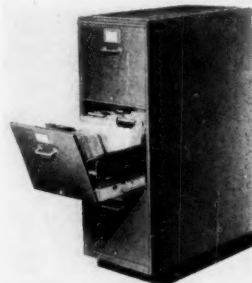
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(Turn to page 14)

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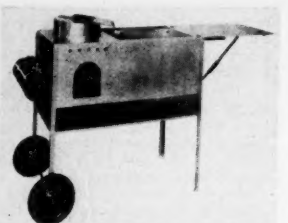
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(Turn to page 20)

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FOOD SERVICE DEPARTMENT



By MARY FARNAM
Editor, Food Service Department,
and Director of School Cafeterias
Cleveland Heights

available on the correct way to use your cabinet.

Last month I suggested that the frozen food box be installed in the location most convenient for its use. The more you use frozen foods and realize the saving in time, money, and energy such use makes, the more you will wonder how you ever managed to operate your food service efficiently without one. The uses to which you can put the frozen food box depend on your school location. Is it urban or rural? How available are commercially frozen foods? What type of menu do you serve? What is the volume of business and the cost of your employee time?

If you are in an urban area there is practically every variety of commercially frozen food available. There are many dealers and vendors well equipped and eager to serve your needs. Deliveries are possible any time within reason, and as often as needed. Therefore, you will probably not freeze the bulk of the frozen food you use because it is more practical to buy it commercially frozen. If you are located in a rural district the picture is different. Many rural districts have locker or freezer plants staffed by experts ready and capable to properly freeze your foods. They can also furnish you storage space. But nothing takes the place of the efficiency and convenience of having a frozen food cabinet in your cafeteria for daily use.

If the bulk of the frozen food you use is frozen at a locker plant or bought commercially frozen, then your frozen food cabinet really becomes a "storage plant" for relatively short periods of time. This can mean short-time storage of commercially frozen foods, of leftover cooked or raw food which you prepare for freezing in your kitchen, of foods bought ahead for planned future or emergency use, or storage of foods prepared in slack time for future use. That's one sign of good management!

The storage cabinet can also be used as an ice cream cabinet. For many years ice cream cabinets were furnished to each of our cafeterias by the ice cream vendor who was the successful bidder each year. The price we paid for ice cream was higher, really a form of rent. A few years ago our board of education decided to buy cabinets and save the difference. Since we also needed frozen food cabinets, the equipment bought was selected to do duty as frozen food cabinets as well.

While it may be better to have sep-

THE best way to get the largest return on your investment in any piece of equipment is to use it. The more you use it, the more benefits you receive. The benefits in using your frozen food cabinet are many. However, to get the best results, you must use careful planning and intelligently take advantage of all the knowledge



Choose the type of container best for freezing or storing your cooked and raw foods

FROZEN FOOD CABINETS CAN DO MULTIPLE DUTY

Remember, though, all food stored must be properly packaged and wrapped

arate cabinets for these two purposes, we have found it satisfactory to combine the two, since we could not purchase both. In our elementary school cafeterias the two top shelves of the upright type of freezer are used for ice cream storage and the large center section and the lower sections of the box are used for other frozen food storage.

We purchase ice cream sliced eight to the quart, each slice individually wrapped, then packaged in a rectangular waxed box. These boxes store to good advantage. Last fall we tried a new item, ice cream cones already filled and wrapped individually. They come in large brown paper sacks which take up much more room because of their irregular shape. This storage is not economical. We have frequent delivery service on our ice cream products, which helps some but does not entirely solve the problem.

We buy commercially frozen fruits and vegetables. Rectangular packages store economically, but frozen fruits in 30-pound round tin containers store less economically because of their shape.

Because the volume of business fluctuates greatly, depending on variable factors over which we have no control, it has always been a problem on how best

to meet these emergencies. For many years we served meat loaf sandwiches instead of hamburgers. These loaves could be baked ahead of time, stored in the refrigerator, then sliced and reheated for use as needed.

Last year we had an emphatic request from both parents and pupils for hamburgers. Since we were not equipped to broil or fry a large quantity of hamburgers, we baked them in the oven. Serving hamburgers instead of meat loaf sandwiches meant much more preparatory work. After a period of trial and error we evolved a plan which has worked out very well.

Each school has a hamburger mold which assures conformity of the size of the serving. Hamburgers are prepared ahead of time, placed on wax paper squares, then stocked. When they are to be used immediately they are placed in the regular refrigerator. If they are for later use they are stored, well wrapped, in the food freezer. Meat cut for stew and ground meat for other meat dishes is stored for future use in the quantity-sized package we expect to use. It is a very comfortable feeling, when volume soars on a rainy day, to be able to go to the frozen food box and take out the

food needed to meet the extra service required.

Since purchasing our frozen food cabinets, we no longer wonder what to do from Friday to Monday with unsold food. Practically anything we have left over, whether cooked or raw, can be frozen and stored in the frozen food box until Monday or longer. *Of course, it must be properly packaged and wrapped.* It has been very difficult to teach employees the importance of these two facts, perhaps because the majority of them do not own frozen food boxes, or if they do "freeze" food it is for only a very short time and in a very small quantity.

Frozen foods should not be thawed and then refrozen. I checked one school freezer and found a stock of 10 hamburgers in a pan with no wrapping. The meat was about the color of light manila paper, rather mottled in appearance, dry and brittle. Of course all the moisture had evaporated into the air in the box. Except for the shape and the method of stacking, I never would have been able to guess what the food was supposed to be. Another time I found a dish of ice cream that had melted slightly. The cream had refrozen but it only slightly resembled its original state. These two examples illustrate two most important factors: food must be properly packaged and stored in the freezer, and frozen food, once it has been thawed, cannot be refrozen.

In the last several years great improvement has been made in the kind and quality of materials available for correctly storing food. Our illustration this month shows some of the many types and kinds of food containers and wrappers available today in the market. Consult your local wholesale paper goods distributor and rely on his expert knowledge. Let him tell you the advantages and disadvantages of the containers and wrappings. Learn how to use them correctly. And don't forget to figure the cost of the wrappings, which are a necessary expense but well worth the expenditure.

In the picture the salesman is explaining to the cafeteria director the advantages and necessity of using an inner lining in the one-quart rectangular container. The two-quart size is below on the counter top. This type of container has a separate moisture-vapor-proof liner of cellophane or coated material. These boxes are excellent for freezing vegetables and dry or sugar-packed fruits. The box is re-usable, but the inner liner must be replaced. These bags are very successfully heat sealed.

Not shown in the picture, but also available, are rectangular and square cartons with top openings that are especially suitable for small cuts of meat, disjointed birds, asparagus, broccoli, or fish fillets. Cakes, unbaked rolls, or cookie dough can also be successfully stored in these boxes. This type of carton has either a moisture-vapor-proof overwrap, or a liner of moisture-vapor-proof material which is sealed.

On the top of the showcase at the extreme left is a pint-size thin aluminum foil food container with a metal top to fit. The quart size of this same box is partly shown, at the extreme right end of the counter, in the container in which

the boxes come packed. Since these boxes can be nested and the lids are all the same size, the 25 unused boxes as purchased require small storage space until needed to freeze food. These boxes require a crimping tool to seal them and can only be sealed and opened once.

The tall, square transparent container is all-plastic. It is available in several sizes. The top is translucent and pliable. This lid seals the container airtight and can be "peeled off" to open the container. Both container and the lid can be re-used. This container is suitable for refrigerator storage, *t. o.*

On the top shelf inside the showcase, beginning at the left, are waxed freezer paper bags of various sizes as they come in boxes. Next are various sizes of heavily waxed tub-shaped containers with tapered sides that have snap-on lids. These cartons are liquid-tight and easy to fill. (Remember to leave at least one inch head room for expansion in freezing!) The quart-size, straight sided wax-lined container is shown at the right in the bottom of the case. This has a slip-over cover. All these may be used for liquid, semi-liquid and solid foods, for packing butter, bulk ice cream, chopped meat, or other cooked or raw foods.

More Containers

Next, on the top shelf, are marking pencils, sealing tape dispensers, rolls of sealing tape, and an electric sealer. Behind the dispenser is a box of square freezer boxes. On top of the package is shown the transparent cellophane liner bag.

Just any sealing tape will not do. It is necessary to use a low temperature tape that will not loosen at zero temperature. The tape is used to seal edges of moisture-vapor-proof wrappings, to cover accidental puncture of packages, and to close joinings to assure a good seal. It is also useful to attach labels if a marking pencil is not used.

Soon to appear on the market, but not available as this is written, are rigid aluminum boxes or containers in various sizes. These will have grooved sliding lids which will seal the container tightly. These containers will be more expensive but will last as long as any other aluminum utensil.

Glass and Tin Are Used

Glass containers such as ordinary household type glass jars with rubber ring seals can be used. And there is a glass jar especially designed for food freezing. It has a wide mouth and the sides are tapered slightly to facilitate the removal of the frozen food. A screw-on rustproof cap makes an airtight seal. Tin containers lined with enamel material are also available. The lids of these containers vary; some require special sealing equipment, some slip on, and some are of the press-in type.

Plastic bags of polyethylene are made in various sizes, from four to 10 inches deep, eight inches wide, and 18, 24, and 30 inches long. These are used for whole turkeys, fowl, or other irregular or bulky shaped packages. The air must be excluded and the top sealed to make the package moisture and vapor proof. These bags can be washed and used many times if handled correctly.

Ordinary gift wrap cellophane, butcher paper, grocery store wrapping paper, or ordinary household waxed papers cannot be used. There are many types of wrapping papers on the market. Papers or wrappings made especially for frozen foods must be moisture-vapor-proof, easy to fold or wrap, tough enough to resist tearing and ordinary punctures, capable of being marked for labeling. They must not become brittle at low temperatures, yet must be inexpensive enough to make their use practical.

On the floor of the showcase in the picture, several makes and types of these papers are displayed. The top roll at the left is a laminated aluminum foil paper, recently developed. The food is placed on the foil side. This paper gives excellent protection. The package does not require an overwrap of any kind. This paper comes 18 inches wide and in rolls 100 or 500 feet long. The next roll is freezer paper which is heavily waxed on one side. It does not need an overwrap.

The bottom roll is aluminum metal foil wrap which comes in light and heavy quality. This paper has many uses in the kitchen other than frozen food storage, but that is another story. Next, to the right, are rolls of Pliofilm, a clear, transparent wrapping. Below and to the front is a roll of waxed paper that "seals itself." The inner side sticks to itself and nothing else. The other side is heavily waxed paper. However, it cannot be unwrapped and rewrapped. At the extreme

right at the bottom is a roll of laminated cellophane paper. Only one thickness is necessary in wrapping, and this paper makes an excellent cover for food to be frozen. Not shown is another wrapping paper, moisture-vapor-proof cellophane. This makes an excellent wrapping but requires an additional covering to prevent punctures.

Stockinette, a loosely woven cotton material, is used as an overwrap on bulky packages of meat, such as ham. Because

For more facts, use Inquiry Card. S&CM-18A

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Has the answer to your cooking needs!



The New DINETTE Model 38



Restaurant Range Model 83



Restaurant Range Model 84

Shown Are Only a Few of Many Basic Models

Garland leadership . . . proved again by the great variety of basic units and the hundreds of possible adaptations available! And that selection is the primary answer to greater efficiency, and greater economy in your cooking!

Whatever your food volume, whatever your food problem . . . you can do a faster, better cooking job with a Garland! For one of the many Garland ranges—or range adaptations—is certain to fill your individual needs.

And whatever Garland you select, you'll find the many exclusive Garland features mean better, more dependable performance. Yes, Garland is leader in sales because Garland is leader in value!

So see your Garland dealer! Comparison always makes Garland first choice!

All Garland units are available in Stainless Steel and equipped for use with manufactured, natural or L-P gases!



Left to Right: All Hot Top—Open Top—Fry Top—Deep Fat Fryer—Broiler

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PRODUCTS OF DETROIT-MICHIGAN STOVE CO., DETROIT 31, MICHIGAN

*REG. U. S. PAT. OFF.

Frozen Food Cabinets Can Do Multiple Duty

(Continued from page 17)

of its loose weave it can be stretched tightly over any package already wrapped. This additional wrapping helps press out air pockets in the package. It comes in tube-like form wrapped on a roll for easy use, and can be re-used.

These, then, are the various types of materials and containers now available for efficiently and successfully freez-

ing food in the frozen food cabinet. Each has a specialized use. Each has some advantages and disadvantages, and the prices vary. Choose the type and kinds that are correct for the food you are freezing or storing yourself, either cooked or raw.

There are many reliable fabricators of these containers and materials. More

and more items are being developed. The large expansion in the use of frozen food cabinets in the households of the land has given a great impetus to perfecting of these materials. A great deal of helpful and instructive information is being published by the manufacturers of these containers and materials. Include this information in your reading material.

If you have a frozen food cabinet, do not use it only for storage for commercially frozen foods. Do a little ex-

perimenting on your own. It's fun, it's easy, and the results are worth while. You can save food, time, money, and employees' time by making your frozen food cabinet do multiple duty.

The following material contains interesting and authentic information:

Preparing Food for Freezing. By Mrs. Evangeline J. Smith, Tony Fella-hauer, Boyd A. Ivory, and W. O. Edmondson. Wyoming Agricultural Extension Service, University of Wyoming, Laramie. Free, in limited quantity.

Freezing Foods at Home. By Shirley Rolfs. Published for the Tyler Fixture Corporation, Niles, Michigan. Revised edition 1949, 79 pages. Free.

Air Conditioning and Refrigeration News. Business News Company, 450 West Fort St. Detroit, Michigan. A weekly which contains informative articles relative to the food freezer and its use.

Freeze With Ease in a Westinghouse Home Freezer. Westinghouse Home Economics Institute, Mansfield, Ohio. 80 pages. 35¢.

Round Nested Paper Containers for Home and Locker Freezing. Field Research Division, Paper Cup and Container Institute, Inc., 49 West 46 St. New York 19, New York. Free.

Aluminum Foil in Restaurant and Institutional Food Service. By Eleanor Lynch. Reynolds Metals Company, 19 East 47 St. New York 17, New York. Free.

What Luncheon Concessions for Faculty?

EVERY school lunch program sooner or later is obliged to face the problem of determining what, if any, special concessions ought to be made to members of the faculty who participate in the program. Should hot coffee be available to teachers who prefer it to milk? Is it defensible to serve vegetables in a side dish for teachers if they are served with the main dish for pupils? Should a cake, or pie, or pudding made by home economics classes be served to members of the faculty when there is not a sufficient quantity for pupils likewise to share? These and dozens of other similar questions will arise to plague the cafeteria manager who does not carefully plan for such contingencies. While there may be some defensible minor deviations from this general statement, it is probably best if this rule be followed:

When members of the faculty are served in the same fashion at the same place and eat with pupils, no deviation from the standard menu ought to be permitted. If, however, separate arrangements for serving and eating can be provided for the faculty, some consideration to faculty wishes may well be made.

Faculty goodwill and participation in the school lunch program contribute to the success of cafeteria operations. There is a surprisingly high correlation between teacher-pupil participation in school lunch programs. The cafeteria director who has hot coffee available for the members of the faculty who may have free periods through the morning, is at little inconvenience promoting great goodwill. . . . Donald W. Duman, Superintendent of Schools, Franklin, New Hampshire

A NEW tested-recipe service of quantity recipes developed in the test kitchen of the American Institute for Baking is available. Included are recipes for entrees, desserts, soup, croutons, stuffing and sandwiches, printed on file-size cards with space for cost records. The accompanying cake cutting guide and quantity guide for bakers foods will be useful in school kitchens. This service is available from the American Institute of Baking, Chicago, Illinois.

For more facts, use Inquiry Card. S&CM-19A



When youth must be served use KYS-ITE!

High spirits . . . horseplay . . . jostling—typical school cafeteria. But schools that use KYS-ITE Trays and Tableware don't worry.

KYS-ITE, the different kind of plastic, can "take it." KYS-ITE is almost unbreakable . . . won't shatter . . . tough to chip or crack. Quieter, too . . . never clashes or clatters. And easier to handle and keep clean. KYS-ITE's colorful beauty won't fade when sterilized in boiling water or washed with regular dishwashing compounds. Its color is part of the plastic itself . . . not just a surface finish.

KYS-ITE offers a range of round and rectangular serving trays—also the famous KYS-ITE "Meal-in-One" Plate. This 3-partition plate holds a meal plus beverage yet is so light a small child carries it easily.

Your wholesaler can supply you. Or mail coupon today.



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Please send us information on KYS-ITE Tableware ☐ KYS-ITE Trays ☐

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What do you need NOW? An automatic potato peeler? Electric mixers? New garbage cans? Bar supplies? Paper towels? Shower Curtains? Janitor supplies? Baking Ovens? Uniforms? Glassware? We have it! Order from a DON Salesman—or write, wire or phone. Most goods shipped SAME DAY!

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FOOD SERVICE EQUIPMENT

Consult SCHOOL AND COLLEGE MANAGEMENT Product Information, page 13. Use the postage-free Inquiry Card; indicate key number of item about which you want further details.

Stain-removing Agent S&CM-440A
When cups are discolored by coffee or tea, try K.I.K., a new oxygenated stain-removing agent. Users of plastic tableware will find this product particularly handy. K.I.K. in a hot water solution quickly restores natural color without injuring surfaces or imparting an odor to the ware. . . . Use the Inquiry Card or write to Parker D. Perry Incorporated, Dept. S&CM-440A, 729 Boylston St. Boston 16, Massachusetts.



New Freezer S&CM-445A

Home economics departments and small school lunchrooms take notice of this 7-cubic-foot, kitchen-size home freezer! It provides more than 17½ square feet of sub-zero, fast freezing surface. Freezing coils pass entirely around the inner liner and under the liner floor. Inner floor is raised so users can more easily reach any part of the interior. Recessed base provides comfortable toe room. Table-top lid furnishes kitchen work space.

This unit has a special breaker strip which securely seals the freezer insulating material against moisture. A series of condenser coils welded to the inner surface of the outer shell does away with excessive moisture on outside cabinet surfaces. Five-year warranty comes with freezer. . . . Use the Inquiry Card or write to International Harvester Company, Dept. S&CM-445A, 180 N. Michigan Ave. Chicago 1, Illinois.



Plastic Cafeteria Tray S&CM-442A
This combination section plate and carrying tray helps reduce costs from both service and initial investment standpoints. It is designed to meet dietitians' needs for serving recommended school lunches, being compact and lightweight yet large enough to accommodate a completely balanced meal.

Break-resistant Melmac plastic trays may be sterilized without harm, and will not chip, crack, or craze. They fit into standard washing machines and stack securely in small space. Colors are tan, green, coral, yellow, and gray. Matching cups and soup bowls which fit snugly into the tray sections are avail-

able. . . . Use the Inquiry Card or write to International Molded Plastics, Inc. Dept. S&CM-442A, 4387 West 35 St. Cleveland 9, Ohio.

Aluminum Foil S&CM-443A
Lunchroom managers will find heavy-gauge restaurant wrap aluminum foil a boon in improving quality and taste appeal of foods and reducing hard-to-control food wastes. When storing food, flavor and moisture are retained by

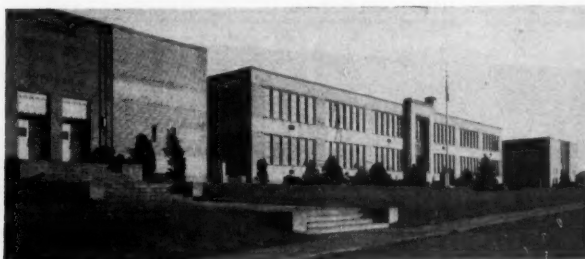
making an easily-applied air-tight aluminum covering over even the bulkiest of foods. Keeping the foil on when reheating meat stored this way helps give the appearance of freshly roasted and sliced meat. Perishable salad vegetables benefit from such covering.

In addition to achieving a tender, unshrunk, juicy look, meat roasted in foil does not require watching and basting. And the pan it is cooked in requires very little cleaning. Cafeterias can

make good use of this foil as a cover for steam table pans, and in transfer of foods from a central kitchen to food service branches. . . . Use the Inquiry Card or write to Reynolds Metals Company, Dept. S&CM-443A, 19 East 47 St. New York 17, N. Y.

THE United States is richer during the last two years by more than 150 college and universities. . . . *Edpress Newsletter*

For more facts, use Inquiry Card. S&CM-21A



Penn Township High School, Claridge, Pa., John W. Mochnick, Principal



Mrs. Alice W. Reed, Food Supervisor

STUDENT LUNCHES for SEVEN SCHOOLS



CENTRAL KITCHENS, serving more than one school, were experimental when Penn Township High School, Claridge, Pennsylvania, initiated the system under the National School Lunch Program. From its 1947-48 average of 463 meals, the program has grown until seven schools now participate and 1150 Type A lunches are served daily.

Center of activity in this unique system is the efficient Gas Kitchen under the direction of Mrs. Alice W. Reed, Food Supervisor. Equipment includes one Blodgett 3-Deck Oven, two Magic Chef Hot-Top Ranges, one Magic Chef Open-Top Range, and one Dual-temp waterheater for dishwashing and sterilizing.

But the most unusual feature of the system is the coordinated transportation of students and food. School busses transport thermos containers of food to some schools and bring back students from other schools to the central cafeteria. Then they return the students to their respective schools and pick up containers.

SERVED FROM CENTRAL GAS KITCHEN

Such precise scheduling requires perfect timing in food preparation and that's where Gas Cooking Tools do such an outstanding job. Equipped with automatic controls, and flexible enough to do a variety of cooking tasks, these modern Gas Cooking Tools are dependable and versatile. Authorities concerned with this complex seven-school food service program cite the speed and efficiency of GAS as major factors in the success of the food preparation operations.

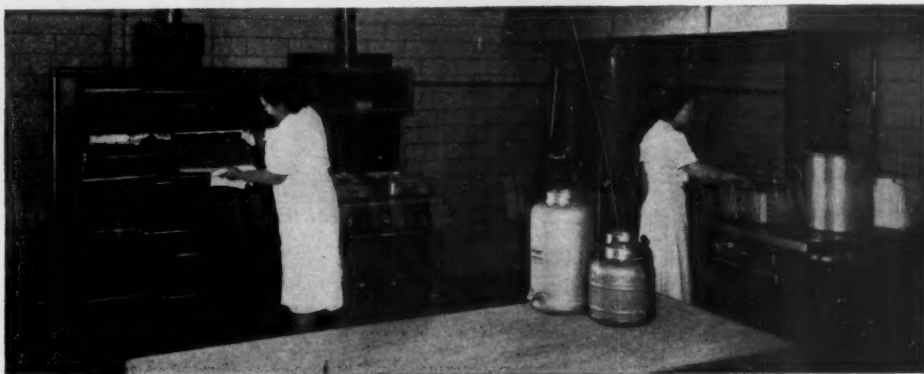
Your Gas Company Representative will tell you how to take full advantage of GAS for volume cooking.

AMERICAN GAS ASSOCIATION

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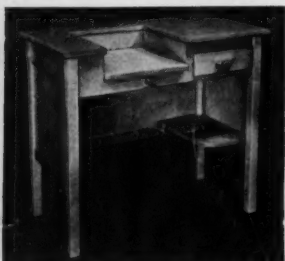
School lunches for 1150 students are served from this small, efficient Gas kitchen



SUPPLIES AND EQUIPMENT

(Continued from page 15)

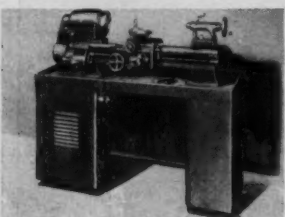
Consult SCHOOL AND COLLEGE MANAGEMENT Product Information, page 13. Use the postage-free Inquiry Card; indicate key number of item about which you want further details.



Typewriter Desk S&CM-404A
Typing students will appreciate the special feature of this desk—adjustability that allows the typewriter to be moved to any height from 26 to 30 inches. Raising or lowering is quickly done by means of a removable handle. Desk is made of northern hardwoods. It comes in either golden birch or school brown finish. . . . Use the Inquiry Card or write to Crown Institutional Equipment Company, Dept. S&CM-404A, 218 S. Wabash Ave. Chicago, Illinois.



Band Saw Line S&CM-434A
New, lower price tags are a part of the "new look" given the 1950 line of Duro band saws for work in wood, plastics, and light materials. Saws are available in 10, 12, and 15-inch sizes. They have new, one-piece cast wheel guards which unlock with one knob and swing aside easily for quick inspection of both upper and lower wheels at the same time. There are ball-bearing blade guides for reduced blade wear. Heavy cast iron frames give smooth, vibrationless operation. . . . Use the Inquiry Card or write to Duro Metal Products Company, Dept. S&CM-434A, 2696 North Kildare Ave. Chicago 39, Illinois.



New Lathe S&CM-423A
School shops will be interested in the Logan No. 955, 11-inch lathe with specifications and tolerances usually found only in much higher priced machines. It has a 1-inch collet capacity, 1 3/4-inch

spindle hole, and is available with a center distance of either 24 or 36 inches. All control parts are placed at the operator's finger tips.

Ball-bearing mounted spindle permits speed of 45 to 1,500 r.p.m. without bearing adjustment. Typical tolerances are bead ways precision ground to within .0005 inches of absolute lineal accuracy, and less than .0005 total run-out of the spindle 12 inches from the front bearing. . . . Use the Inquiry Card or write to

Logan Engineering Company, Dept. S&CM-423A, 4901 West Lawrence Ave. Chicago 30, Illinois.

Fire Alarm

Here's an automatic, self-contained unit that is independent of any outside power source. The Buffalo fire alarm sounds as soon as the temperature reaches 135 degrees; special fuses are available for other temperature limits.

Alarm can be mounted on ceiling or

S&CM-407A

wall. It is built to last a lifetime. The rustproof, wind-up mechanism stays energized until the excessive temperature releases the replaceable heat-sensitive fuse, or until the fuse is unscrewed slightly. . . . Use the Inquiry Card or write to Buffalo Fire Appliance Corporation, Dept. S&CM-407A, Dayton 1, Ohio.

Safe Extension Cord Set S&CM-413A
Winner of a safety award from Lewis & Conger is the No-Shok safety extension

For more facts use

You get extra years of use from this NEW double boiler



● Here's a new double boiler that's any chef's pet. And one that's dear to the hearts of men responsible for reducing replacement costs.



● Big feature is its inside pan made of ALCLAD ALUMINUM. This special metal gives long wear because it is highly corrosion-resistant.



● Use it as a cold server . . . with ice in the bottom container, for butter, fruit, pudding, gelatin, etc. Remember—Aluminum excels in protecting taste, color and purity.



● Use it in the bakeshop . . . for preparing cream pie fillings, fruits, etc. Self-stirring action gives maximum protection against scorching and burning.

cord set. Articles cannot be inserted into the current-carrying part to cause shocks, burns, or short circuits.

Outstanding feature of this set is a built-in rotary cap which automatically closes the outlet when it is not in use. To connect an appliance, you must insert the plug prongs into rotary cap opening, turn to the right, and push in. Then contact is made. When the plug is withdrawn, the rotary cap springs back into place and closes the outlet. . . . Use the

Inquiry Card or write to Bell Electric Company, Dept. S&CM-413A, Chicago 8, Illinois.

Liquid Hand Soap S&CM-406A

Institutions that provide good handwashing facilities for their students will be interested in Sof-Tutch, liquid hand soap that removes dirt quickly without causing skin irritation. It foams quickly and completely—a bubbly, fragrant solution. Ingredients include the mildest vegetable

oils and coconut oil. Dilution to any needed consistency can be made in ordinary tap water. . . . Use the Inquiry Card or write to Essential Chemicals Company, Dept. S&CM-406A, 744 N. Fourth St. Milwaukee 3, Wisconsin.

Automatic Tape Applier S&CM-422A

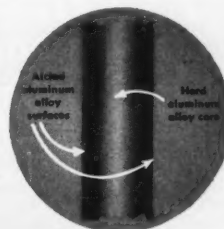
Offices and art departments will be interested in the new applier that automatically dispenses, applies, and cuts pressure-sensitive tape without the fingers

touching the tape. With its use there need be no waste of tape and time due to tape curling and sticking to fingers. The two sizes accommodate $\frac{1}{2}$ and $\frac{3}{4}$ -inch widths. . . . Use the Inquiry Card or write to Tapematic Corporation, Dept. S&CM-422A, 217 Astor St., Newark 5, New Jersey.

Inquiry Card. S&CM-22A

ENGINEERED FOR LONG WEAR WITH AN INNER PAN OF ALCLAD* ALUMINUM

*ALCLAD ALUMINUM consists of 2 outer surfaces of special alloy which impart unusual resistance to corrosive action, permanently bonded to a core of strong aluminum alloy.



• **Other features:** Ladle-fitting bottom on inner pan (which stands by itself), open beads, strong construction but light in weight, loop handles on both pans, Bakelite knob.



• **Use it for cooking . . .** cereals, puddings, cream soups, white sauces, newburg, scrambled eggs, cocoa, etc. Aluminum spreads heat fast and evenly.



• **Available in 8, 12 and 20 quart sizes.** See your dealer's salesman or mail coupon: to The Aluminum Cooking Utensil Co., 4808 Wear-Ever Building, New Kensington, Pa.

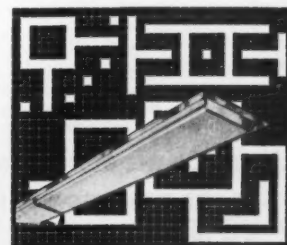
WEAR-EVER

Aluminum
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The Aluminum Cooking Utensil Co.,
4808 Wear-Ever Bldg., New Kensington, Pa.
Please supply me with additional information about your new
double boiler with inside pan of ALCLAD ALUMINUM.

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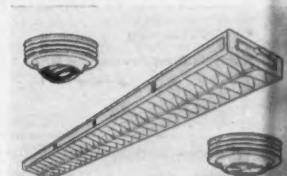
MAIL TODAY



Lite-Blox Luminaires S&CM-420A

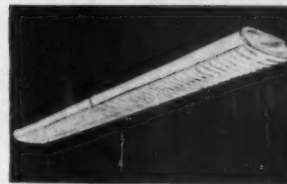
A hand-crafted appearance is created by these modern new Lite-Blox recessed troffers. They have a 12-inch, modular coordinated design that offers an infinite variety of patterns by simply replacing ceiling blocks with Lite-Blox troffers and matching corner boxes called Tile-Lites.

Lite-Blox are supplied in combinations, with a wide range of diffusing and shielding media to meet exacting lighting requirements. They come in both deep and shallow types, for 1 to 4 lamps with variations in length and wattage. All units have a ceiling flange and a choice of smart snap-on trim. . . . Use the Inquiry Card or write to the Edwin F. Guth Company, Dept. S&CM-420A, 2615 Washington Ave. St. Louis 3, Missouri.



Plexoline Luminaires S&CM-421A

Lighting can be planned with curves and angles of any degree with the flexible fluorescent Plexoline system. It is made up of linear sections, circular accent units, and adapter fittings. The straight sections are excellent for classrooms and offices. There are both 2 and 4-light units for different length Slimline and fluorescent lamps. Mounting is surface or suspension. Side panels are of ribbed glass. The steel louvers are interlocked for extreme strength and rigidity. Finish is hot-bonded super-white enamel. . . . Use the Inquiry Card or write to Day-Brite Lighting, Inc. Dept. S&CM-421A, 5452 Bulwer Ave. St. Louis 7, Missouri.



Trimline Luminaires S&CM-419A

There are 13 fluorescent lighting fixtures of different lengths in the new Trimline family. The various units can be joined so as to give a continuous lowering effect with no joining band at the junction of the fixtures. The series come in 2 and 4-lamp versions, with either standard start or instant start

(Continued from page 21)
lamps in both 4 and 8-foot lengths. Shielding is either 25 or 45-degrees lengthwise. Fixture can be mounted either directly on the ceiling or suspended from it. The 4-lamp versions are particularly adaptable to classrooms, for they have been designed for high efficiency and low brightness contrasts. . . . Use the Inquiry Card or write to Sylvia Electric Products, Inc. Dept. S&CM-419A, 1740 Broadway, N. Y. 19, N. Y.

Large Storage Cabinet S&CM-438A
Extra roominess, sturdiness, and attractiveness make the Penco steel storage cabinet suitable for any office or shop use. It is a full 78 1/4 inches high, 36 inches wide, and is available in either 18 or 24-inch-deep models. When the 4 adjustable shelves are spaced equally, they can hold objects 14 inches high. The large storage area plus heavy-gauge steel construction permits storage of materials weighing up to 1,000 pounds in the 24-

inch-deep model. Cabinet has smooth exterior with concealed hinges. . . . Use the Inquiry Card or write to Penn Metal Corporation of Penna. Dept. S&CM-438A, 50 Oregon Ave. Philadelphia 48, Pennsylvania.

CHICAGO'S school superintendent now gets the teacher's point of view on school problems. In May, 19 members were elected to the teachers' advisory council for this very purpose.

MANUFACTURERS' LITERATURE

Consult SCHOOL AND COLLEGE MANAGEMENT Product Information, page 13. Use the postage-free Inquiry Card; indicate key number of item about which you want further details.

Floor-laying System S&CM-468A
"Loxit Floor-laying System" describes how to use this simple mechanical wood floor-laying system which limits expansion, compensates for contraction, and provides an economical, permanent, beautiful floor. . . . Use the Inquiry Card or write to Loxit Systems, Inc. Dept. S&CM-468A, 1217 W. Washington Blvd., Chicago 7, Illinois.

Wooden Schools S&CM-469A
Full-color booklet titled "Today's Better Schools Are Built of Wood" describes the efficiency and economy of one-story wooden schools. Various types of one-story plans are shown and many completed schools of wood are pictured. . . . Use the Inquiry Card or write to West Coast Lumbermen's Association, Dept. S&CM-469A, 1410 S. W. Morrison St. Portland 5, Oregon.

Record Controls S&CM-471A
Well-illustrated booklet called "Improve Record Controls and Reduce Costs" gives a fast-moving explanation of the natural filing facilities provided by the new line of H-H-M rotary record files, useful for educational, personnel, and inventory records. . . . Use the Inquiry Card or write to Herring-Hall-Marvin Safe Company, Dept. S&CM-471A, Hamilton, Ohio.

Reach-In Refrigerator S&CM-474A
A new color booklet illustrates Frigidaire's 1950 line of commercial reach-in refrigerators in capacities that range from 17 to 62 cubic feet, and shows cut-aways and closeups of their outstanding features. . . . Use the Inquiry Card or write to General Motors Corporation, Frigidaire Division, Dept. S&CM-474A, Dayton 1, Ohio.

Fire-fighting Facts S&CM-470A
Handy 36-page, pocket sized "Fire Hazard Index" gives basic facts about the principles of fire-fighting and lists over 590 chemical, gas, and common fire hazard materials together with specifications as to which type of fire-fighting agent to use on each. . . . Use the Inquiry Card or write to Randolph Laboratories, Inc. Dept. S&CM-470A, 8 E. Kinzie St. Chicago 11, Illinois.

Plastic Tubing S&CM-466A
Large-size booklet titled "Tygon Flexible Plastic Tubing," No. T-77, gives information on all the uses, properties, and chemical resistant characteristics of this tubing which has a multitude of laboratory and other applications. . . . Use the Inquiry Card or write to U. S. Stoneware, Dept. S&CM-466A, Akron, Ohio.

Water Coolers S&CM-478A
Catalog folder Form 20 tells how to select the proper type of electric water cooler for normal and abnormal atmospheric conditions, and guides in the selection of the proper size and type for given requirements. . . . Use the Inquiry Card or write to Cordley & Hayes, Dept. S&CM-478A, 443 Fourth Ave. New York 16, N. Y.

Toilet Compartments S&CM-475A
Catalog 87, titled "Sanymetal Toilet Compartments and Toilet Room Environments," describes construction details, specifications, hardware, and materials used for these products. Color chart and color chips are included. . . . Use the Inquiry Card or write to Sanymetal Products Company, Inc. Dept. S&CM-475A, 1705 Urbana Rd. Cleveland 12, Ohio.

...ONE OF THE BEST WAYS TO LOWER OPERATION COSTS-

is to eliminate unnecessary food waste by serving meals that are consistently flavorful. Today hundreds of institutions are depending upon economical Maggi's Granulated Bouillon Cubes to bring new appetizing goodness to their soups, stews, gravies and the many other dishes that call for meat stock. Try adding several tablespoons of this flavor-rich Maggi's Granulated Bouillon to all your everyday recipes—also remember, it makes a delicious instant-quick "broth".

2 OTHER MAGGI FLAVOR FAVORITES

★ Maggi's Seasoning

★ Maggi's Gravy Powder, Chef Style

BRINGS FLAVOR TO BUDGET MENUS!



MAGGI'S
Granulated
BOUILLON CUBES



The Nestlé Company, Inc., 155 East 44th St., New York 17, N. Y.

For more facts, use Inquiry Card. S&CM-23A

FREE Technicolor Movie

BY WALT DISNEY PRODUCTIONS



"Bathing Time for Baby"

NEW! Yours to show, free of charge, to mothers' classes or nurses' groups in your hospital—this educational new movie, "BATHING TIME FOR BABY."

Approved by the Children's Bureau of the U. S. Department of Labor, and the Visiting Nurse Service of N. Y., this movie demonstrates the complete technique of the table-tub bath.

This 13-minute, 16 mm. sound film was made by Walt Disney Productions. Summer bookings now open. No charge to you except return postage for film.

Johnson & Johnson

MAIL COUPON NOW!
Johnson & Johnson
Dept. "D" New Brunswick, N. J.
Please send information on the technicolor film, "Bathing Time for Baby."

Name _____
Address _____
City _____
State _____

For more facts, use Inquiry Card. S&CM-24A

GENERAL SLICERS & CHOPPERS

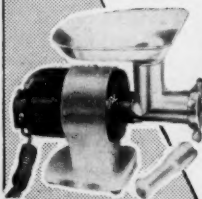
Quality Products at Lowest Prices Anywhere!

Service-Tested, efficient, hand-operated rotary slicers. Ideal for school cafeterias or lunchrooms. Saves time and money by machine slicing of both hot and cold meats. (And other foods). Four models—

From
\$14.95
to
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MODEL 319
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GENERAL'S Low-Price, High-Performance **ELECTRIC MEAT CHOPPERS** . . . cost so little to begin with, and almost nothing to maintain. Simple functional design makes them easy to clean and operate. Have 1/3 h.p. motor, delivering 5 to 7 lbs. per min.

A full line of General Slicers and Choppers to choose from, provides a General for every need. Write for full details **TODAY!** Dept. 182

General
SLICING MACHINE CO., INC. • WALDEN, N.Y.

Changeable Signs S&CM-477A

This large catalog, titled "Changeable Letter Signs," shows a myriad of changeable letter board styles which will be useful to schools as bulletin boards, directories, program boards, and so forth. . . . Use the Inquiry Card or write to Bulletin Boards & Directory Products, Inc. Dept. S&CM-477A, 724 Broadway, New York, N. Y.

Schoolroom Ventilation S&CM-467A

Booklet entitled "37 Points of Engineering and Functional Superiority" describes in easy, readable form the Herman Nelson unit system of classroom heating and ventilation. . . . Use the Inquiry Card or write to the Herman Nelson Division, American Air Filter Company, Inc. Dept. S&CM-467A, Moline, Illinois.

Fire Alarm System S&CM-476A

Bulletin No. FA-2 on the Cannon California uniform fire code signal relay shows features of this system's new design. Included is a page on the Break-Glass fire alarm station used in schools. . . . Use the Inquiry Card or write to Cannon Electric Development Company, Dept. S&CM-476A, 3209 Humboldt St. Los Angeles 31, California.

Stage Lighting Devices S&CM-465A

"Catalog No. 54" includes technical data, clarifying details, and illustrations of equipment that make this a valuable reference book for those who are interested in the special field of theatrical lighting. . . . Use the Inquiry Card or write to Kliegl Brothers, Dept. S&CM-465A, 321 West 50 St. New York 19, New York.

TEACHING MATERIALS

Consult SCHOOL AND COLLEGE MANAGEMENT Product Information, page 13. Use the postage-free Inquiry Card; indicate key number of item about which you want further details.

Railroad Safety Comics S&CM-485A

"All Aboard—for a Trip to the Railroad!" Cartoon comic booklet, color. 1½¢ each. Jack, Chuck, and Sue all visit the railroad their uncle works on and learn about trains and why it is dangerous for them to play near or take short cuts over railroad property. . . . Use the Inquiry Card or write to National Safety Council, Dept. S&CM-485A, 20 North Wacker Dr. Chicago 6, Illinois.

Educational Blocks S&CM-486A

"Minibrix." Set of blocks with book of building designs, \$5.95. This built-to-scale set of building blocks is made of pure rubber and is almost indestructible. Each unit is hand-finished and has a simple self-locking device. Set includes half and angle bricks, roofs, lintels, windows, and doors that open and shut, which permit children to construct a large variety of structures. . . . Use the Inquiry Card or write to the Samuel F. Pratt Associates, Inc. Dept. S&CM-486A, New Rochelle, New York.

Alphabet Chart S&CM-487A

"Alphabet Seat Chart." 4 pages, 15¢ for single copy; \$6 for 50; and \$10 for 100. Designed for the individual pupil, this device provides a model of correct manuscript and script forms for each letter of the alphabet. Alphabets are printed side by side for comparison. Spacing between the lines is full ½ inch. . . . Use the Inquiry Card or write to Noble and Noble, Publishers, Inc. Dept. S&CM-487A, 67 Irving Place, New York 3, New York.

Rural Film Council Goals

THE Grant County, Oklahoma, Film Council has formulated a set of goals that can serve as a working guide for any film council anxious to increase the use of audio-visual aids as teaching tools. Betty Schulz, superintendent of schools in the county and chairman of the Film Council, enumerates these goals in a recent issue of *The Film Counselor*:

1. To help program leaders of adult

- groups choose films and other visual aids for their programs and to help teachers realize the proper use and value of audio-visual aids in our schools.
2. To see that good films on loan in the county for a short time are used as much as possible by various groups.
3. To increase the number of films in our county film library.
4. To help every interested person

find out where films can be obtained by making available our catalogs, lists of sponsored films, and other information of this type.

5. To teach as many people as are interested the operation of audio-visual equipment and to lend the equipment we have.

6. To teach adults the value of audio-visual aids in our schools and to further adult education through the use of these aids.

For more facts use Inquiry Card. S&CM-25A

So you want LOW-COST service!

By Using the Proper Method of Taking Care of MELMAC® Dinnerware, You Can Have Almost "Unbelievable" Low Service Costs—Plus Great All-around Performance and Other Important Benefits.



MELMAC cups look lovely when properly cared for . . .

Take the proper care of MELMAC Dinnerware and MELMAC pieces will take good care of your costs...tea and coffee stains—trouble-makers in dinnerware for a long, long time—will be delayed, easily removed, and finally, loss from stain will be greatly reduced.

To achieve these results with MELMAC Dinnerware, all that is necessary is to make slight, but important, modifications in dishwashing procedure (described in leaflet offered below)—remembering not to subject MELMAC pieces to steam sterilization in excess of 200° F., or to autoclaving.

Remember, MELMAC is new and different. Correctly handled, it is saving mass feeding establishments at least 50% in dinnerware costs over a period of years—and providing, in addition to breakage resistance, such important advantages as lightness, durability, ease of carrying and stacking, ease of washing by hand or machine, smooth-as-satin finish, good insulating properties.

Remember Particularly, the Big Savings that Result from MELMAC Dinnerware's Phenomenal Resistance to Breakage!

No wonder mass feeding establishments are so enthusiastic about MELMAC's resistance to breakage! Here's what two of them have to say:

1. "This hospital of 1,000 beds which has been using MELMAC Dinnerware for all purposes for the past year can report that the replacement cost of MELMAC has been only 6.6% as compared with the replacement cost of 21.9% for chinaware. A 70% saving."
2. "Our chain of cafeterias has been successfully using MELMAC Dinnerware for the past 21 months. We are so pleased with MELMAC's low breakage costs and excellent all-around performance that we are making complete conversion to MELMAC dinnerware as breakage occurs in ceramic dishes."

So, if you want low-cost service, don't wait for your supplier's next scheduled call—get in touch with him today. Get him to tell you about all the advantages of colorful, light, break-resistant MELMAC Dinnerware—how to treat it for best results—how much it is saving restaurants, hospitals, colleges, institutions of all kinds. Phone him right now.



And it's MELMAC dinnerware that resists breaking, chipping and cracking.

How to wash and care for MELMAC dinnerware

All the facts about the care and handling of MELMAC Dinnerware are covered in a leaflet we have printed for your supplier. They are especially for your use. Ask him for the quantity you need.

AMERICAN Cyanamid COMPANY

PLASTICS DEPARTMENT

32C ROCKEFELLER PLAZA, NEW YORK 20, N. Y.

MELMAC is American Cyanamid Company's registered U. S. trademark for condensation products of aldehydes and amines.

THE American Federation of Arts, 1262 New Hampshire Avenue, N. W. Washington, D. C. is circulating traveling art exhibitions from the collections of the Metropolitan Museum of Art to smaller communities. They are offered to museums, art departments of colleges, and other educational institutions, with small budgets throughout the United States and Canada. Each display will be circulated for 21 months. The first will be ready in early 1951.

For more facts use Inquiry Card. S&CM-26A

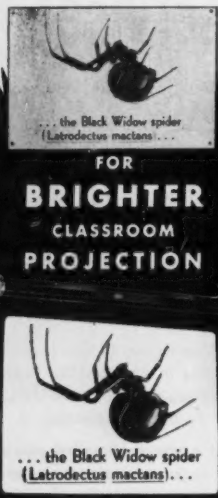


Illustration on screen from S.V.E. Altmirip, "Biology of Spiders"

Specify DA-LITE CRYSTAL-BEADED SCREENS

Important details that are blurred or missed completely when films are shown on a soiled or makeshift screen come out sharp and clear on Da-Lite's famous Crystal-Beaded picture surface. This finer non-tagging, non-cracking screen fabric with its superior light-reflective surface can improve projection 300%.

Why Da-Lite Screens Are Better

- A. Three opaque coatings
- B. Strong, non-cracking, non-sagging fabric
- C. Highest quality Pyrexylol facing
- D. Coating fuses beads to Pyrexylol
- E. Da-Lite Crystal Beads for maximum brightness

Tripod and hanging screens in sizes for every need include the popular-priced Model B Hanging Screen shown above.

Write for FREE sample of Da-Lite Crystal-Beaded screen fabric and interesting brochure entitled "Planning for Effective Projection" which tells how to choose the right size screen for any requirement — answers many questions on projection — gives full details on all Da-Lite models.

Mail Coupon Now!

DA-LITE SCREEN COMPANY, Inc.
2723 N. Pulaski Rd., Chicago 39, Ill.

Please send FREE sample of Da-Lite Crystal-Beaded screen fabric and 6 page brochure "Planning for Effective Projection".

Name _____

School or University _____

Street _____

City _____

Zone _____ State _____

MILLIONS FOR SCHOOL PLANNING

(Continued from page 6)

Location	Type	Estimated Cost	Planning Advance
OHIO			
Bedford	15-classroom school	\$485,400	\$ 16,800
Butler County	Bus garage and repair shop	41,350	1,540
Madison Twp.	8-classroom addition	198,000	7,460
Ross Twp.	Athletic field and stadium	150,000	5,640
Deer Park	High school additions including shops, gymnasium	447,000	16,840
Loraine Co.	12-classroom school, gymnasium	341,800	12,800
" "	6-classrooms, gymnasium, cafeteria	114,700	4,400
Oak Harbor	Additions to Salem Oak Harbor school including shops, cafeteria, and 6 classrooms	250,000	9,660
Oak Hill	High school additions including gymnasium-auditorium	226,500	7,100
Paulding Co.	Bandroom, cafeteria, laboratory	99,400	4,140
Grover Hill	Classrooms, laboratory, lunchroom	130,225	5,260
Sandusky Co.	Auditorium-gymnasium	200,225	8,100
Townsend Twp.	8-classroom addition, auditorium	247,850	7,580
Sylvania			
OREGON			
Randon	Additions	80,000	3,000
Bend	Senior high school for 600 pupils with 30 classrooms, cafeteria, shops, laboratories	680,000	24,500
Coos Bay	Junior high school with gymnasium	475,000	19,800
Eugene	12-classroom elementary school, cafeteria	204,800	7,200
Oswego	Junior-senior high school for 430 pupils	586,000	22,000
PENNSYLVANIA			
Union City	Junior-senior high school	583,300	15,000
RHODE ISLAND			
Providence	20-classroom elementary school for 700	1,302,200	44,000
UTAH			
Murray	20-classroom high school, lunchroom, auditorium	530,000	22,500
WASHINGTON			
Moses Lake	School with library and cafeteria	450,000	14,000
WEST VIRGINIA			
Kingwood	Development of plans for school for 600 pupils	48,500	3,700
WISCONSIN			
Janesville	High school with gymnasium, 2 pools, cafeteria	3,533,500	135,000
Oshkosh	Gymnasium-auditorium	100,000	4,240
Two Rivers	High school addition, shops	500,000	18,000

Part II, College Applications, will appear in our September issue

For more facts use Inquiry Card. S&CM-27A

Get EXTRA locker security

New DUDLEY Master-Keyed P-570

This is the sturdiest, most dependable padlock you've ever seen. Easy-working, 3-turn b'r mechanism in rugged, satin-finish case of cast aluminum. Combination dial has 40 divisions... 64,000 possible combinations. Two-year guarantee.



This Dudley Key is unique, can't be duplicated on commercial key cutting machines.



Master-Charted RD-2



Rotating dial combination with rust resistant mechanism in a stainless steel case. Two-year guarantee.

Write for free Catalog Folder that also shows built-in, master-keyed S-540

DUDLEY LOCK CORPORATION

570 West Monroe St., Dept. B11, Chicago 6, Ill.

KENTUCKY is the thirteenth state formally to join the Southern Regional Education program. And the Virginia assembly has approved measures clearing the way for future full membership in the compact, reports the Board of Control for Southern Regional Education. Approximately 350 students are going to school this year under regional contracts. Next year, according to present indications, close to 600 will go.

For more facts use Inquiry Card. S&CM-28A

Fuller's
"ALL PURE
BRISTLE"

Comes
Entirely
from

Loose Wording Implies Other Paint Brush Materials are Also Bristle

It is common practice to refer to all brush material as "bristle". In some quarters, capital has been made of this misuse of the word. For the record, horse hair is not bristle. Fiber is not bristle. Our bristle comes only from Chinese hogs.



FULLER 100% BRISTLE PAINT BRUSHES with their "flag ends" that spread paint evenly without brush marks... their "pockets" formed by overlapping bristles... and the natural resiliency that only bristle has... come from just one place — the hide of a pig. To be sure of a paint brush with the desired long wear and even-spreading qualities, look for the Fuller seal and the words "All Pure Bristle".



Send for booklet on how to reduce brush costs. Simply write to...

THE FULLER BRUSH CO.
INDUSTRIAL DIVISION
3558 MAIN STREET • HARTFORD 2, CONN.
In Canada: Fuller Brush Co., Ltd., Hamilton, Ont.

Revise College Entrance Requirements? Yes—Say 47 School Systems

REVISION of college-entrance requirements is desired by 47 school systems in the metropolitan New York area, it was recently announced by Dr. Paul R. Mort, executive officer of the Institute of Administrative Research of Teachers College, Columbia University, and secretary of the 72-school-system Metropolitan School Study Council.

This interest in revising college-entrance requirements is based on a study under way in the council. Findings came from a questionnaire sponsored by a council committee on obstacles to secondary-school change, and administered by Donald Ross, research assistant of the Institute of Administrative Research.

Eager to Pioneer

Dr. Will French, professor of education at Teachers College, and Dr. Raymond Collins, superintendent of schools at Manhasset, Long Island—co-advisers of the obstacles committee—said that 26 of the council school administrators polled were actively interested in revising entrance requirements, and eager to take part in the project. This is in line with Dr. Mort's concept of the council, which he described as being composed of "light-house schools, which have the opportunity to pioneer for better education and have the responsibility for breaking away from unnecessary blocks inherited from the past." The council schools include about half of the best-supported public school systems in the country.

The questionnaire was submitted to the 70 high schools in the council. From their replies, it was found that 50 percent of the high-school students in the council area normally enroll in the college-preparatory course, a figure somewhat greater than the national average. More than 90 percent of this group apply for entrance to college and are accepted.

Many of the principals chafe at restrictions placed on the development of new courses or school organizations by college-required subject patterns. They find they are limited in the kind of education they may offer college-bound students, and are indirectly prevented from making many changes thought desirable for all students.

Liberalize Course Content

Among the changes the principals would like to see are liberalization of the content of mathematics courses, reduction of language offerings, and the establishment of family living courses. In 54 instances reported by administrators, "applied subject matter" in such areas as family living, occupations, and communication skills has been indirectly introduced under traditional titles.

Studies show that in the past college entrance has depended on entrance aptitude tests and examinations on specific areas of knowledge, as well as on the pattern of subjects taken and high-school grades. Other studies indicate that specialized examinations and the course of study followed do not prove much.

However, college performances reveal that the best signs of academic success are group-intelligence tests, high-school marks, and English performance tests. Other fairly accurate indicators of success are the judgment of student personalities by teachers and principals.

Through the questionnaire it was found that the council schools can furnish not only the data ordinarily required by college admissions offices, but also extensive

personal information that many schools ignore. Available were personality tests and inventories, staff members' judgments of the student's abilities, reports of student work habits, and regular rating of student personalities by teachers.

Dr. French reports that there is widespread interest in college-entrance requirements. Members of the "Eight-Year Plan," a group of 30 schools which cooperated with colleges several years ago to work for less rigid entrance require-

ments, have been meeting again to develop their plans.

A realistic attitude is being taken by some of the colleges because courses in music, applied economics, typing, family living, home economics, and driver education are increasingly being accepted for entrance credit.

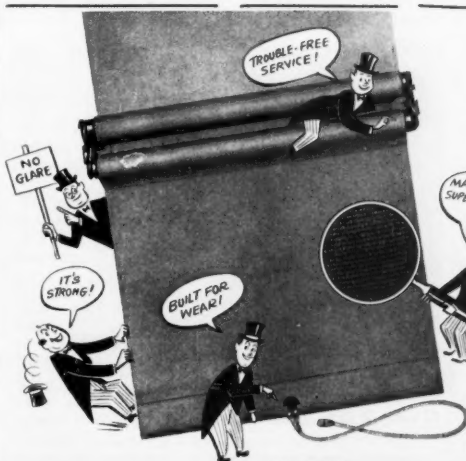
Michigan has a program in which secondary schools and colleges are cooperating in a college entrance program which shifts the emphasis away from a

prescribed pattern of subjects to extensive student-data collection, follow-up of former students, and a program of orientation on the nature and requirements of certain occupations and specialized college courses.

According to Dr. French, the greatest progress in the revision of college-entrance requirements seems to be occurring where the high-school principals' association, the colleges, and the state department of education work together.

For more facts, use Inquiry Card. S&CM-29A

IF YOU EXAMINE



*Trade Mark

BECKLEY CARDY

*SUPERTEX SHADES

You'll find them outstanding for your school rooms by whatever measure you use—

Economy

—Supertex Shades—made of 10 oz. cotton duck—special weave—can't crack, split or tear. Beat abuse—serve for years and years.

Long Life

—Supertex Shades are priced a little higher than paint dipped—but boy! how much longer they do last!

Well Made

—Mounted on roller by complete roll-wrap ham—can't pull off. Card is metal clipped into the slot.

Approved Lighting

—Supertex Shades are made to soften glare without darkening the room. Vat dyed they are ideal for all school use.

Selective Hanging

—Offered in any type mounting you prefer—top, bottom or center hung with pull up and pull downs.

If you want these better shades write us your needs and we will quote costs. Ask for folder 94 on Supertex Shades.

BECKLEY
CARDY
SINCE 1907

BECKLEY-CARDY COMPANY

1632 INDIANA AVE.

CHICAGO 16, ILL.

For more facts, use Inquiry Card. S&CM-30A

FOR A QUICK, CLEAN SWEEP! "BIG X" Dust MOP



Nationally famous, "BIG X" saves time—lowers labor cost. Snatches up dust on contact. A durable, heavy-duty giant, available in various widths up to 60". Can be removed from block and washed like new.

Perfect for SCHOOLS!

Don't try to mop big areas with household types of mops. Instead, do as thousands of schools do: Mop much faster and get much longer service—at lower cost—from "BIG X" Dust Mops, prize-winning, 16-ply VICTORY Wet Mops, HOLZ-EM Applicators—for wax, seals, varnish, etc. (Illustrated specification sheets on request).

Your supplier has these mops or can get them for you from



AMERICAN STANDARD MFG. COMPANY

(MEMBERS OF THE NAT. SANITARY SUP. ASSOC.) • Incorporated 1908

CHAS. E. KREBS and WALTER O. KREBS

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For more facts, use Inquiry Card. S&CM-31A



The basic principles of First Aid are portrayed in Johnson & Johnson's film "Help Wanted." This 16-mm sound picture contains interesting and important information. Thirty minutes of realism.

If you want to give a showing to groups interested in First Aid, send the coupon below. No charge, except you pay the return postage for the film.

Johnson & Johnson

JOHNSON & JOHNSON
Dept. "J," New Brunswick, N.J.
Please send me information on the Motion Picture "HELP WANTED."

NAME.....

ADDRESS.....

CITY.....STATE.....

ASBO Chicago Meeting, September 25-28

EVERY school official interested in the business administration phase of education is invited to attend the annual meeting of the Association of School Business Officials at Hotel Sherman, Chicago, September 25 to 28. Many school superintendents will be on the program. Such items as instructional supplies, custodial supplies, building materials, and business equipment will be

displayed at the 95 exhibition booths. Speakers at the general sessions include Dr. William H. Alexander of Oklahoma City on Monday morning; Dr. Paul Misner, Beardley Ruml, and Superintendent James M. Spinning on Thursday mornings. An official of the National Safety Council and of the National Fire Protection Association will speak at the Tuesday morning session.

Sectional meetings will be held Monday, Tuesday, and Wednesday afternoons, and also Wednesday morning. Topics to be discussed at these meetings include cafeteria management, accounting and finance, maintenance, personnel, plant operation, and purchasing.

The ASBO has 1,300 members from 43 states. Such matters as finance, budgets, and accounting; purchase, warehousing, and distribution; determination of school plant needs, schoolhouse plan-

ning and construction; operation and maintenance of school buildings, equipment and grounds; food services; transportation; personnel; real estate; records; and public and employee relations come within its province. Francis R. Scherer of Rochester, New York, is president of the association.

On the Calendar

County and Rural Area Superintendents of Schools, Columbus, Ohio, October 9-11.

National Institute of Governmental Purchasing, Hotel Schroeder, Milwaukee, October 8-11.

National Safety Congress and Exposition, Chicago. School sessions at Morrison Hotel. October 16-20.

American Education Week, November 5-11.

School Food Service Association, Muehlenbach Hotel, Kansas City, Missouri, November 8-10.

American Vocational Association, Miami, Florida, November 29-December 1.

BECAUSE of many requests from United Nations personnel to visit the city schools, and the language problem involved, 140 New York City school teachers volunteered to act as interpreters. Dr. William Jansen says the teachers represent a total of 19 languages including Albanian, Mandarin Chinese, Welsh, Turkish, and Hebrew.

For more facts use Inquiry Card. S&CM-32A

Simplifies Administration



Rauland Low-Cost S24 Intercommunication System for the Smaller School

The RAULAND Model S24 System is designed for application where voice communication is the primary facility desired. This system offers ideal low-cost two-way intercommunication for supervision of all school activities. It is an indispensable tool for efficient school administration.

Capacity Up to 24 Rooms. The S24 System is available with facilities for intercommunicating with 12 or 24 rooms. An ALL-CALL feature permits simultaneous paging through all room speakers by the operation of a single switch; an invaluable feature for Emergency supervision.

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16-mm. Educational Films

Prices subject to change without notice. Where films are sent free, except for transportation charges, the word "loan" is used.

INSTRUCTIONAL Films, Inc. Dept. S&CM-A, 330 West 42 St. New York 18, New York, presents two films for home economics classes produced by McCall's. Sale—color, \$100; black and white, \$50.

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Five Days in the Cooler. S&CM-302A. 15 min. Demonstrates the ways in which the standard home refrigerator can be utilized for economy and efficiency in the kitchen.

S&CM-315A—The Big Party. 17 min. Three year lease, \$90. RKO Radio Pictures, Dept. SCM-315A, 16-mm. Educational Division, 1270 Avenue of the Americas, New York 20, New York.

Mardi Gras, the annual pre-Lenten carnival in New Orleans, is shown. The secret preparations for the many parades and balls, then the ceremonies at the Court of the Carnival of Kings, and the grand finale, the parade of Rex, are pictured.

S&CM-316A—Baltimore. 10 min. Sale—\$25. Hoffberg Productions, Inc. Dept. S&CM-316A, 362 West 44 St. New York, New York.

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S&CM-331A—What Is a Co-op? 25 min. Sale—\$75. Rent—\$5. Cooperative League of the U.S.A. Dept. S&CM-331A, 343 So. Dearborn St. Chicago 4, Illinois.

This film shows cooperatives in action, explaining what a co-op is, how it operates, and describing the various kinds of cooperatives that are working smoothly today. This film is useful for social studies classes.

AUSTRALIAN News and Information Bureau, Dept. S&CM-A, 636 Fifth Ave. New York 20, New York, presents films on two of the major cities in Australia.

Pacific Terminal. S&CM-332A. 1 reel. Sale—\$25. Rent—\$1.50. A study of Sydney, the chief city in the state of New South Wales.

Place for a Village. S&CM-333A. 1 reel. Sale—\$25. Rent—\$1.50. A film about Melbourne, capital of Victoria, and Australia's second city.

S&CM-340A—New York's Heritage. 12 min. Color. Loan. New York State Department of Commerce, Film Library, Dept. S&CM-340A, 40 Howard St. Albany, New York.

This film explains the workings of the New York City Art Commission, which approves the design of all works of art to be erected on city property. There are scenes of New York City's inspiring buildings, its statuary, and its beautiful parks.

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Film Catalogs

Coronet Films 1950 Catalog. Coronet Films, Dept. S&CM-375A, Coronet Building, Chicago 1, Illinois. 64 pages. Free.

Over 300 educational motion picture titles are listed with a related course in-

dex and a detailed chart of grade levels and subject areas that are covered by each film.

Ideal Pictures Corporation Thirtieth Anniversary Catalog. Ideal Pictures Corp. Dept. S&CM-379A, 28 East 8 St. Chicago 5, Ill. 80 pages. Free.

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New Audio-Visual Aids

(Continued from page 27)

Post Pictures Corporation 1950 Catalogue. Post Pictures Corp. Dept. S&CM-376A, 115 West 45 St. New York 19, New York. 84 pages. Free.

A. F. Films 16mm. Film Catalog. A. F. Films, Inc. Dept. S&CM-378A, 1600 Broadway, New York 19, New York. 34 pages. Free.

Visual Materials in Safety Education: Supplement II. National Commission on Safety Education, NEA, Dept. S&CM-377A, 1201 Sixteenth St. N. W. Washington 6, D. C. 44 pages. 30¢.

A listing of sound motion pictures, sound filmstrips, and silent filmstrips in the field of safety issued since 1942. They have been approved for classroom use

by visual education specialists, teachers, school administrators, and students.

Princeton Film Center Catalogue No. 12. Princeton Film Center, Dept. S&CM-380A, Princeton, New Jersey. 64 pages. Free. (50¢ each when more than 4 copies are ordered).

The arts, transportation and communication, safety, and entertainment are a few of the many topics under which films are listed.

CHECK LIST OF NEW PUBLICATIONS

Consult SCHOOL AND COLLEGE MANAGEMENT Product Information, page 13. Use the postage-free Inquiry Card; indicate key number of item about which you want further details.

Social Studies

GROLLIER Society, Inc. Dept. S&CM-240A, 2 West 45 St. New York 19, N. Y. offers for school purchase "Your America," a citizenship course recently prepared for the Bureau of Naval Personnel, U. S. Navy, by the Association for Supervision and Curriculum Development of the NEA.

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10. The Place of the Armed Forces in Our Democracy.

For Administrators

Financing Education in Efficient School Districts. By Francis G. Cornell, William P. McLure, Van Miller, and Raymond E. Wochner. Bureau of Research and Service, Dept. S&CM-218A, College of Education, University of Illinois, Urbana, Illinois. 165 pages. \$1.25.

A study of school finance in Illinois.

The American College. Edited by P. F. Valentine. Philosophical Library, Dept. S&CM-219A, 15 East 40 St. New York 16, N. Y. 575 pages. \$10.

A thoughtful analysis of the most pressing issues facing our colleges today. Special attention is given to the admission of students, the nature of the instructional program, and the structural organization of higher education.

THE First Fifty Years" is the title of the recently issued fiftieth annual report of the superintendent of schools of New York City. It is the first annual report issued by Dr. William Jansen.

The book commemorates the fiftieth anniversary of the consolidation of the school system of greater New York City with a history of public education in the city since that time. A detailed account of the growth of the school system is illustrated by prints and photographs.

The report makes clear that many problems confronting school systems today are chronic. In 1898 the New York City superintendent of schools was complaining about obsolete buildings and double sessions.

Nevertheless, those 50 years were a period of expansion and growth. Less than 12 million dollars was spent on education in 1898; today the school budget calls for \$230,000,000.

The report was prepared under the direction of Harold W. McCormick.

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A. J. Davenport & Son, Inc., 311 N. Des Plaines Street, Chicago 6, Ill.
Emboscraft Corporation of America, 38 West 21st Street, New York 10, N. Y.
T. F. McGinn & Son Company, 17 Village Street, Somerville 43, Mass.
MacDonald & Gehm, Inc., 100 Worth Street, New York 13, N. Y.
E. W. A. Rowles Company, 4 North Hickory, Arlington Heights, Ill.
Weber Costello Company, 12th and McKinley, Chicago Heights, Ill.

BOILERS

American Radiator and Standard Sanitary Corp., Box 1228, Pittsburgh 30, Pa.
Crane Company, 836 So. Michigan, Chicago 5, Illinois
Hercules Chemical Co., Inc., 332 Canal Street, New York 13, N. Y. (Cleaners and Repair Chemicals)
Kewanee Boiler Corporation, Franklin St. New York, New York
Titusville Iron Works Co., Div. of Struthers Wells Corp., South Franklin Street, Williams Oil-O-Matic Division, Eureka Williams Corporation, 1201 E. Bell Street, Bloomington, Illinois

BOOKS

★AMERICANA CORP., THE GROlier SOCIETY, INC., J. A. RICHARDS PUBLISHING CO., 2 W. 40TH ST., NEW YORK 19, N. Y. (Encyclopedias)
★AMERICAN CRAYON COMPANY, 1706 HAYES AVE., SANDUSKY, OHIO
Arco Publishing Company, 480 Lexington Avenue, New York 17, N. Y.
Theo. Audel & Company, 49 West 23rd Street, New York 10, N. Y.
★BRITISH INFORMATION SERVICES, 30 ROCKEFELLER PLAZA, NEW YORK 20, N. Y.
The Chaffield-Clarke Company, 1639 10th Street, Santa Monica, Calif.
Children's Reading Service, 106 Beckman Street, New York 13, N. Y.
★H. P. COMPTON & COMPANY, 1000 N. DEARBORN STREET, CHICAGO, ILL.

Delta-Power Tool Division, Rockwell Manufacturing Company, 600 E. Vienna Avenue, Milwaukee 1, Wisc.
Encyclopedia Britannica, Inc., 20 North Wacker Drive, Chicago 6, Ill. (Encyclopaedias, World Atlas, Book of the Year)
Field Enterprises, Inc., Educational Division, 35 E. Wacker Drive, Chicago 1, Ill.
★C. HOWARD HUNT PEN COMPANY, 7TH AND STATE, CAMDEN 1, N. J. (Lettering Books, Catalogs)
International Textbook Company, 1001 Wyoming Avenue, Scranton 9, Pa.
Iroquois Publishing Co., Inc., Iroquois Building, Syracuse 4, N. Y.
Longmans, Green & Co., Inc., Junior Books Dept., 55 Fifth Ave., New York 3, N. Y. (Junior Book Catalogs)
★MCGRAW-HILL BOOK CO., INC., 330 WEST 42ND ST., NEW YORK 18, N. Y.
The Macmillan Company, 90 Fifth Avenue, New York 11, N. Y.
★G. & C. MERRIAM COMPANY, 47 FEDERAL STREET, SPRINGFIELD 2, MASS. (Dictionaries)
National Forum, Inc., 407 S. Dearborn Street, Chicago 26, Ill.
★NOBLE & NOBLE PUBLISHERS, 67 IRVING PLACE, NEW YORK 3, N. Y.
★OCEANA PUBLICATIONS, 461 WEST 18TH STREET, NEW YORK 11, N. Y.
Oxford Book Company, 222 Fourth Avenue, New York 3, N. Y.
Patterson's American Educational Directory, 35 E. Wacker Drive, Chicago 1, Ill.
Pitman Publishing Corp., 2 West 45th Street, New York 19, N. Y.
Plays, Inc., Publishers, 8 Arlington Street, Boston 1, Mass.
Rand McNally & Company, 536 S. Clark Street, Chicago 5, Ill.
Reinhold Publishing Corp., 330 West 42nd Street, New York 18, N. Y.
John F. Rider Publisher, Inc., 480 Canal Street, New York 13, N. Y. (Electronics)
Science Research Association, 228 South Wabash Avenue, Chicago 4, Ill.
Vocational Guidance Manuals, Inc., 45 West 45th Street, New York 13, N. Y.
★H. W. WILSON COMPANY, 550 UNIVERSITY AVE., NEW YORK 52, N. Y.
World Book Company, 313 Park Hill Avenue, Yonkers 8, N. Y.

BOOK CASES

National Chair Company, 412 North Fourth Street, St. Louis 2, Mo.
Remington Rand, Inc., 315 Fourth Avenue, New York 10, N. Y.
Republic Steel Corporation, Berger Manufacturing Division, 1038 Belden Ave., N. E. Canton 5, Ohio

BOOK COVERS

★COLAD COMPANY, INC., 1411 HERTEL AVENUE, BUFFALO 14, N. Y.

BUILDING MATERIALS

Allied Chemical & Dye Corp., Barrett Division, 40 Rector Street, New York 8, N. Y. (Built-Up Roofing, Asphalt Shingles, Asphalt Siding, Rock Wool Insulation, Protective Paints and Coatings)
★AMERICAN PRODUCTS COMPANY, 1237 HOLLENS AVENUE, NEW YORK 68, N. Y. (Paint Rollers)
American Sanitary Partition Corp., 37-08 21st Street, Long Island City 1, N. Y.
Toilet Partition Office Corp., N. Y.
American Steel & Wire Company, Cyclone Fence Division, United States Steel Corp., Erie, Pa. (Wire Mesh, Welded, Kaukauna, Ill.)
★AMERICAN STRUCTURAL PRODUCTS DIV. OF OWENS-ILLINOIS GLASS CO., OHIO BUILDING MATERIALS, 1000 N. Armstrong Cork Company, Lancaster, Pa. (Acoustical Materials, Wall Materials, Insulations, Fiberglass Products, Hardboards)
Bitucore Products Division, 1411 Central Industrial Drive, St. Louis 10, Mo. (Emulsified Asphalt, Roof Coatings, Dampproofing, Floor Mastic, Asphalt Tile Cement)
Carnegie-Illinois Steel Corporation, 434 Fifth Avenue, Pittsburgh 30, Pa. (Roofing Sheets, Formed Steel and Roofing Sheets, Corrugated Steel, Stainless Steel Roofing and Drainage)
★THE CELOTEX CORPORATION, 120 SO. LA SALLE STREET, CHICAGO 3, ILL. (Insulation, Roofing, Gypsum Products)
Congoleum Nairn, Inc., 195 Belgrave Drive, Kearny, New Jersey (Flooring)
Cornell Iron Works, Inc., 35th Avenue and 13th Street, Queens, N. Y. (Lighting, Rolling Steel Grilles, Rolling Steel Doors and Shutters)
Detjen Corporation, Electric Fly Screen Div., 303 West 2nd Street, New York 18, N. Y. (Electrified Screen Doors)
The Eagle-Picher Company, American Building, Cincinnati 2, Ohio (Aluminum Combination Storm and Screen Doors, Aluminum Combination Storm Windows and Screens, Insulated Air Changers)
Federal Flooring Corporation, 42 West Dedham Street, Boston 18, Mass.
The Frink Corporation, 27-01 Bridge Plaza North, Long Island City 1, N. Y. (Lighting Equipment and Systems, Reflectors)
Hercules Chemical Co., Inc., 332 Canal Street, New York 13, N. Y. (Pipe Joint Compounds, Cutting Oils)
A. C. Horn Company, Inc., Tenth St. & 4th Avenue, Long Island City 1, N. Y.
Ingram-Richardson Mfg. Company, 32nd Street, Beaver Falls, Pa. (Porcelain Panels, Porcelain Enamel)
Insh, Inc., 329 Minnesota Street, St. Paul 1, Minn. (Insulated Building Blocks)
★JONES AND LAUGHLIN STEEL CORP., 451 JONES & LAUGHLIN BLDG., PITTSBURGH 30, A. (Steel)
Kauffman Radiator Shield Co., St. Louis 8, Mo. (Radiator Shields and Enclosures)
Kiley Island Lme & Transport Co., Leader Building, Cleveland, Ohio (Soundproofing)

Kemiko Mfg. Company, 500 Chancellor Avenue, Irvington 11, N. J. (Roofing Cement, Caulking Compound)
 LCN Closers, Princeton, Ill. (Door Closers)
 Libbey-Owens-Ford Glass Company, Nicholas Building, Toledo 3, Ohio (Insulating Glass, Window Glass, Polished Plate Glass, Safety Glass, Structural Glass)
 Maple Flooring Mfrs. Assn., Oshkosh, Wis. (Hardwood Floors)
 Marsh Wall Products, Inc., Dover, Ohio (Plastic, Finished, Wall and Ceiling Panels, Metal and Pseudwood Moulding, Wallboard Installation Accessories)
 Masonite Corporation, 311 W. Washington Street, Chicago 2, Ill. (Wall Panels, Wallboard, Tileboard, Hardboard)
 *MINNEAPOLIS HONEYWELL REGULATOR CO., 2745 4TH AVE. SO., MINNEAPOLIS 5, MINN. (Boiler Controls)

Mississippi Glass Company, 89 Angelica Street, St. Louis 7, Mo. (Heat Absorbing and Glare Reducing Glass, Wire Glass, Figured Glass, Decorative Glass)
 National Tile & Manufacturing Company, 1200 E. 26th Street, Anderson, Ind. (Clay Tile for Walls and Floors)
 New Castle Products, New Castle, Indiana (Folding Doors, Movable Walls, Movable Partitions)
 Newman Brothers, Inc., 690-670 W. 4th Street, Cincinnati 3, Ohio (Brass, Bronze, Aluminum Railings, Bronze, Aluminum, Stainless Steel Doors, Bronze and Aluminum Cast Letters)
 Owens-Illinois Glass Company, Kaylo Division, Box 1055, Toledo 10, Ohio (Fire-doors, wood-faced, Laminated Wall Panels, Roof Tiles, Insulating)

The Paraffine Companies, Inc., 475 Braniff Street, San Francisco 19, Calif. (Roofing and Siding, Insulating, Asbestos and Fiber Wallboard, Insulation, Asbestos, Cement Siding)
 Pittsburgh Corning Corporation, 307 Fourth Avenue, Pittsburgh 22, Pa. (Glass Blocks, Insulation, Cellular Glass)
 Pittsburgh Plate Glass Co., Columbia Chemical Div., P.O. Box 15, Allegheny, Pittsburgh 13, Pa. (Calcium Chloride, Republic Steel Corporation, Berger Manufacturing Division, 1038 Belden Ave., N. E., Canton 5, Ohio (Sheet Glass)
 Richards-Wilcox Mfg. Co., Aurora, Ill. (Folding Partition, Classroom Ward-robies)

Safway Steel Products, Inc., 6222 W. State Street, Milwaukee 13, Wis. (Tubular Steel Scaffolding)
 Sargent & Co., 46 Water St., New Haven 9, Conn. (Locks and Builders Hardware)
 J. A. SEKAUER, 3093 THIRD AVENUE, NEW YORK 10, N. Y.
 *SKILSAW, INC., 5033 ELSTON AVENUE, CHICAGO 30, ILL. (Portable Power Tools)
 United Laboratories, Inc., 18901 Euclid Avenue, Cleveland 12, Ohio (Roofing Materials)
 United States Gypsum Co., 300 W. Adams St., Chicago 6, Illinois (Wall Plasters, Wallboards, Plaster Bases, Metal Lath)
 United States Plywood Corporation, 55 West 44th Street, New York 18, N. Y. (Plywood, Doors, Plastic Counter Tops)
 Western Waterproofing Co., 82 West Dedham St., Boston 18, Mass. (Exterior Weatherproofing and Window Caulking)

BUSES

Carpenter Body Works, Inc., Mitchell, Ind.
 *CHEVROLET MOTOR DIV., GENERAL MOTORS BLDG., DETROIT 2, MICH.
 *DODGE DIV., CHRYSLER CORP., 7300 JONES CAMPEL, DETROIT 31, MICH.
 Ford Motor Company, Dearborn, Michigan
 Hinks Body Company, Lebanon, Indiana
 *INTERNATIONAL HARVESTER CO., 80 N. MICHIGAN AVE., CHICAGO 1, ILL.
 *ONEIDA PRODUCTS CORPORATION, CANASTOTA, NEW YORK
 *PACO MOTOR CO., 2000 S. WASHINGTON AVENUE, LANSING 20, MICH.
 *SUPERIOR COACH CORP., LIMA, O.
 Union City Body Co., Inc., West Pearl Street, Union City, Ind.
 Wayne Works, North 16th and F Street, Richmond, Indiana

BUSINESS MACHINES

*BERKLEY-CARDY CO., 1632 INDIANA AVE., CHICAGO 16, ILL. (Duplicators)
 *BRUSH DEVELOPMENT CO., 3405 PERKINS AVE., CLEVELAND 14, OHIO (Duplicating Machines & Supplies)
 *BURROUGHS ADDING MACHINE CO., 607 SECOND STREET, DETROIT 2, MICH. (Accounting, Adding, Calculating Machines, Cash Registering Typewriter Ribbons, Cash Registers)
 *RALPH C. COXHEAD CORPORATION, 720 FRELINGHUYSEN AVENUE, NEWARK 5, N. J. (Typewriters)
 Davidson Manufacturing Corp., 1020 W. Adams St., Chicago 22, Ill. (Duplicators)
 A. B. Dick Company, 6700 West Touhy Avenue, Chicago 31, Ill. (Duplicating Machines, Supplies & Accessories)
 Dictaphone Corporation, 420 Lexington Avenue, New York 17, N. Y. (Dictating and Transcribing)
 *DITTO, INC., 2243 W. HARRISON ST., CHICAGO 13, ILL. (Duplicators)
 Thomas A. Edison Inc., 2000 Lake-side Avenue, West Orange, N. J. (Dictating Machines & Supplies)
 The Heyer Corporation, 1850 South Center Avenue, Chicago 23, Ill. (Addressing, Duplicators)
 *INTERNATIONAL BUSINESS MACHINES CORP., 590 MADISON AVENUE, NEW YORK 22, N. Y. (Accounting, Calculators, Typewriters)
 Monroe Calculating Machine Co., Inc., 555 Mitchell Street, Orange, N. J. (Accounting, Adding, Calculators)
 The National Cash Register Company, Main & W. Streets, Dayton 3, Ohio (Accounting, Adding, Cash Registers)

Remington Rand, Inc., 315 Fourth Avenue, New York 10, N. Y. (Accounting, Adding, Typewriters, Calculators, Ribbons, Stencils, Carbon Paper, Offset Printing, Copy Holes, Plastipaper, Off-set Plate Maker)
 Rex-O-Graph, Inc., 3727 No. Palmer Street, Milwaukee 12, Wis. (Duplicators, Fluid Process, Fluid Process Supplies)
 Royal Typewriter Co., Inc., 2 Park Ave., New York 16, N. Y. (Typewriters-office, portable, electric, wide carriage, Carbon Ribbon, Type-writer Supplies)
 Sound Scriber Corp., 146 Munson Street, Niles, Ill. (Dictating)
 Standard Duplicating Machines Corp., 1935 Revere Beach Parkway, Everett 47, Mass. (Duplicators)
 Underwood Corporation, One Park Avenue, New York 16, N. Y. (Accounting, Adding, Typewriters)
 Vitacore, Inc., 32-38 47th Avenue, Long Island City 1, N. Y. (Accounting, Addressing)
 Wolbel Duplicator & Supply Company, 1201 Cortland St., Chicago 14, Ill. (Duplicators)

CABINETS

American Type Founders, 300 Elmora Avenue, Elizabeth, N. J. (For Type)
 Case Cabinet Company, First Street, N. W., North St. Paul, Minn.
 *THE COLUMBUS SHOW CASE COMPANY, 850 W. FIFTH AVENUE, COLUMBUS 8, OHIO (Trophy)
 Hamilton Manufacturing Company, Two Rivers, Wis.
 Knausmug, Mfg. Company, Adrian, Mich.
 Lyon Metal Products, Inc., 3000 Montgomery Street, Aurora, Ill.
 Fred Medart Products, Inc., 3535 DeKalb, St. Louis 18, Mo.
 National Chair Company, 412 North Fourth Street, St. Louis 2, Mo.
 *PROLUXE PRODUCE CORP., 330 WEST 42ND STREET, NEW YORK 18, N. Y. (For Film, Filmmat and Slides)
 Republic Steel Corporation, Burger Manufacturing Division, 1038 Belden Ave., N. E., Canton 5, Ohio (Stencils)
 Society for Visual Education, Inc., 1345 University Parkway, Chicago 14, Ill.
 Standard Steel Equipment Co., Inc., College Point, New York, N. Y.

CAMERAS

Argus, Inc., 405 Fourth Street, Ann Arbor, Michigan
 *BELL & HOWELL COMPANY, 7100 MCCORMICK ROAD, CHICAGO 24, ILL.
 Clarus Sales Company, 316 Oppenheim Building, St. Paul, 1, Minn.
 Craftsmen's Guild, 1001 N. Orange Drive, Hollywood 38, Calif.
 Eastman Kodak Company, 343 State Street, Rochester 4, New York
 Mitchell Camera Corp., 685 West Harvard Street, Glendale 4, Calif.
 Mogul's, 112 West 48th Street, New York 18, N. Y.
 *REVERE CAMERA COMPANY, 320 EAST 21ST STREET, CHICAGO 16, ILL.
 Universal Camera Corp., 23 West 23rd Street, New York 10, N. Y.
 Victor Animagraph Corporation, Hickory Grove Road, Davenport, Iowa (16 mm.)

CARPENTRY EQUIPMENT

Adjustable Castor Company, 1411 Walnut Street, Philadelphia 2, Pa. (Adjustable Casters and Glides)
 Atlas Press Company, Kalamazoo, Mich.
 The Basic Company, 437 Howard Avenue, Bridgeport 2, Conn. (Casters)
 Dwyer Div., Dwyer Manufacturing Company, 600 E. Vienna Avenue, Milwaukee 1, Wis. (Woodworking Machine Tools)
 DeLam, Inc., Fountain Avenue, Lancaster, Pa. (Power Saws)
 Henry Diston & Sons, Inc., Urruh & Sons, 1000 St. Philadelphia 35, Pa. (Saws)
 Glynn-Johnson Corporation, 4422 N. Ravenswood Avenue, Chicago 40, Illinois
 Wood Control Engineering, Inc., LCN Closers, Inc., Princeton, Illinois (Door Closers)
 Nutting Truck and Caster Co., 1125 W. Division St., Fairbault, Minn. (Caster)
 Peaslee Gaulbert Corp., 226 North 15th Street, Louisville 3, Ky.
 Porter Cable Machine Company, 1714 No. Salina Street, Syracuse 8, N. Y. (Saws, Routers, Shapers-Electric)
 Sargent & Co., 45 Water St., New Haven 9, Conn. (Planes, Squares, Clamps, Bends, Screws, Plumb Bobs, Pliers)
 *SKILSAW, INC., 5033 ELSTON AVENUE, CHICAGO 30, ILL. (Electric Sanders, Saws, Drills)
 Stow Manufacturing Company, 51 Shear Street, Binghamton, N. Y. (Flexible Saws, Machines)
 J. D. Wallace & Company, 141 S. California Avenue, Chicago 12, Illinois (Woodworking Machinery)

CARPETS, RUGS, CASTERS & GLIDES

Armstrong Cork Company, Lancaster, Pa.
 Darnell Corporation, Ltd., 3517 E. 11th Street, Long Beach 4, Calif. (Casters)
 Hild Floor Machine Company, 740 West Washington Blvd., Chicago 6, Ill. (Carpeting, Polishing Equipment)
 *ALBERT PICK CO., INC., 2159 PERSHING ROAD, CHICAGO 9, ILL.
 *NATHAN STRAUS-DUPARQUET, INC., 33 EAST 17TH ST., NEW YORK 3, N. Y.

CHAIRS

*AMERICAN SEATING CO., 901 BROADWAY, GRAND RAPIDS 2, MICH.
 American Seating Furniture Company, 61 West 46th Street, New York 19, N. Y.
 Bacon & Vincent Co., Inc., 1 Ellicott Street, Buffalo 1, N. Y. (Chair Trucks)
 *BERKLEY-CARDY COMPANY, 1632 INDIANA AVE., CHICAGO 16, ILL.

Milton Bradley Co., 74 Park Street, Springfield 2, Mass.
 *BURROUGHS ADDING MACHINE COMPANY, 607 SECOND AVENUE, DETROIT 2, MICH. (Office Costers)
 *CLARIN MANUFACTURING COMPANY, 4634 W. HARRISON STREET, CHICAGO 16, ILL. (Folding)
 Dendable Mfg. Company, 434 Keeline Building, Omaha, Nebraska
 Depler Metal Furniture Co., Inc., 192 Lexington Avenue, New York 16, N. Y.
 *EDWARD DON & COMPANY, 2201 S. LA SALLE STREET, CHICAGO 16, ILL.
 Griggs Mfg. Corporation, Cleveland 1, Ohio, Mound St., Muncie, Indiana
 Engineering Manufacturing Company, 619 A No. Commerce St., Sheboygan, Wis.
 *GRIGGS EQUIPMENT COMPANY, BOX 630, BELTON, TEXAS
 Heywood-Wakefield Co., No. State St., Menominee, Mich. (also Gardner, Mass.)
 Huntington Seating Company, 480 Lexington Avenue, New York 17, N. Y.
 Irwin Seating Company, 1480 Buchanan Ave., S. W. Grand Rapids 7, Mich.
 Paul S. Jones Co., Inc., 147 West 22nd Street, New York 11, N. Y.
 Lyon Seating Co., Inc., 3900 Montgomery Street, Aurora, Ill. (Folding)
 *MAPLE CITY STAMPING CO., 714 PARK AVE., PEORIA, ILL. (Folding Seating)
 National Chair Company, 412 North Fourth Street, St. Louis 2, Mo.
 *NATIONAL CHINA & EQUIPMENT, MARION, IND.
 *NORCOR MFG. CO., 301 BRIDGE ST., LEONARD, ILL. (Folding Seating)
 The Peabody Seating Co., Inc., North Manchester, Indiana
 *PERSH-PICK CO., INC., 2159 PERSHING ROAD, CHICAGO 9, ILL.
 Potomac Engineering Corporation, 664 North Michigan Ave., Chicago 11, Ill.
 *RECTOR & SONS CO., 1300 Wall Street, Ft. Wayne, Indiana
 Royal Metal Mfg. Company, 175 N. Jefferson Avenue, Chicago 1, Ill.
 Harlow C. Seale Company, 1375 E. Jefferson, Detroit 7, Michigan
 *NATHAN STRAUS-DUPARQUET, INC., 33 EAST 17TH ST., NEW YORK 3, N. Y.
 Thonet Industries, Inc., One Park Avenue, New York 16, N. Y.

CHEMISTRY SUPPLIES & EQUIPMENT

Allied Chemical & Dye Corporation, General Chemical Division, 40 Rector Street, New York 6, N. Y.
 The Electric Hotpack Co., Inc., 5055 Cottman Avenue, Philadelphia 35, Pa.
 H. R. Elk & Co., Inc., 193 Palladium Avenue, Fairfield, N. J.
 Kneumig Mfg. Company, Adrian, Mich.
 John E. Sjostrom, 1711-19 North 10th Street, Philadelphia, Pa.
 W. W. Seale Manufacturing Company, 1515 Sedgwick Street, Chicago 10, Ill.

CLOCKS

The Cincinnati Time Recorder Co., 1733 Central Ave., Cincinnati 14, Ohio (Master Clocks, Program Instruments, Secondary Wall Clocks, Payroll Recorders, Cost Recorders, Bells and Sirens)
 *EDWARDS CO., NORWALK, CONN.
 *GENERAL ELECTRIC COMPANY, 1 RIVER ROAD, SCHENECTADY 5, N. Y. also 1285 BOSTON AVENUE, BRIDGEPORT 2, CONN. (Electric Wall)
 *INTERNATIONAL BUSINESS MACHINES CORP., 590 MADISON AVENUE, NEW YORK 22, N. Y. (Program)
 *MINNEAPOLIS HONEYWELL REGULATOR CO., 2745 4TH AVE. SO., MINNEAPOLIS 5, MINN.
 *LOTT-HERRMANN, Control Systems, Electric, Pneumatic, Electronic)
 National Time & Signal Corp., 21800 Wyoming Ave., Detroit 20, Mich. (Program)
 E. W. R. A. Rowles Company, 111 Hickory Grove Road, Davenport, Iowa (Clocks)
 Standard Electric Time Co., 89 Logan Street, Springfield 2, Mass. (Program Systems)

COAT AND HAT RACKS

Samuel Lewis Co., Inc., 73 Barclay Street, New York 10, N. Y.
 *NATIONAL CHINA & EQUIPMENT CORP., 214-18 E. FOURTH STREET, MARION, INDIANA
 Star Metal Mfg. Co., Inc., Trenton Ave., and Ann Street, Philadelphia 34, Pa.
 *NATHAN STRAUS-DUPARQUET, INC., 33 EAST 17TH ST., NEW YORK 3, N. Y.
 *VOGEL-PETERSON COMPANY, 624 S. MICHIGAN AVENUE, CHICAGO, ILL.

COMMUNICATING SYSTEMS

Walter Ashe Radio Company, 1125 Pine Street, St. Louis 1, Mo.
 Bell Sound Systems, Inc., 555 Marion Road, Columbus 10, Ohio
 *EDWARDS CO., NORWALK, CONN.
 Execution, Incorporated, 415 Lexington Avenue, New York 17, N. Y.
 Partrick & Wilkins Company, 51 North 7th Street, Philadelphia 6, Pa.
 *RAULAND-BORG CORPORATION, 3523 BROADWAY, NEW YORK 18, ILL.
 *RCA VICTOR DIVISION RADIO CORP. OF AMERICA, CAMDEN, N. J.
 W. W. Seale Manufacturing Company, 1900 Clark Street, Racine, Wis.

COSTUMES & THEATRICAL FABRICS

*ADAMS, INC., 10 WEST 47TH STREET, NEW YORK 18, N. Y.
 Rosco Laboratories, 367 Hudson Avenue, Brooklyn 1, N. Y.
 Seale & Sons, Inc., Supplies, 620 Joyner Street, Greensboro, N. Carolina
 *THEATRE PRODUCTION SERVICE, 430 BROADWAY, NEW YORK N. Y.
 Twin & Company, 2819 Nicolet Avenue, Minneapolis, Minn.

CRAFT SUPPLIES

*AMERICAN CHAYON COMPANY, 1706 HAYES AVENUE, SANDUSKY, OHIO (Textile Colors, Paint for Glass, Metal)
 Boyle-Midway, Inc., 22 East 40th Street, New York 16, N. Y. (Plastic Wood)
 Milton Bradley Co., 74 Park Street, Springfield 2, Mass.
 Arthur Brown & Bro., Inc., 2 West 46th Street, New York 18, N. Y.
 Calbar Paint & Varnish Co., 3612-26 N. Martha Street, Philadelphia 25, Pa. (Caulking Compound, Glazing Compound)
 Carborundum Co., Buffalo, New York
 Chase Road, Box 357, Niagara Falls, New York (Grinding Wheels, Coated Abrasive Belts, Discs, Rods, Sheets, Abrasive Grains, Finishing Compounds, Sharpening Stones, Sticks, Rubs, Hones)
 William Dixon, Incorporated, 32-42 East Kinney Street, Newark 1, New Jersey
 The Electric Hotpack Co., Inc., 5055 Cottman Avenue, Philadelphia 35, Pa. (Plastic Ovens, Plastineirators)
 *E. F. DRANKENFELD & CO., 45 PARK PLACE, NEW YORK 7, N. Y. (Ceramics)
 *M. GRUMBACHER, INC., 460 W. 34TH ST., NEW YORK 18, N. Y. (Modelling Clay, Modelling Tools, Turn Tables)
 J. L. Hammett Company, Kendall Square, Cambridge 38, Mass. (Glass, Plastic, Looms, Occupational Therapy Materials)
 Masonite Corp., 111 W. Washington St., Chicago 11, Ill. (Wood Fiber Panels, Hardboards)
 Minnesota Mining & Manufacturing Co., 900 Fauquier Avenue, St. Paul 6, Minn. (Cellulose Tape)
 Modelcraft Distributors, Inc., 103 East Kellogg Blvd., St. Paul 1, Minn. (Airplane, Railroad, Boat, Model Kits)
 Fausch Airbrush Company, 1705 Diversey Parkway, Chicago 14, Ill.
 Paisley Products, Inc., 1770 Canalport Avenue, Chicago 11, Ill. (Wood Glue, Leather Glue, Resin Cement)
 Pavolone, Inc., 342 Madison Avenue, New York 17, N. Y. (Coatings)
 Rapid Electroplating, 414 S. Wabash Ave., Chicago 5, Ill. (Brush Plating)
 Rosco Laboratories, 367 Hudson Avenue, Brooklyn 1, N. Y. (Cellulose Acetate, Tracing Medium, Gelatine, Theatrical Color Mediums, Flameproofing Compounds)
 T. Savogran Company, 25 Huntington Avenue, Boston 16, Mass. (Plastic Powder for Casting, Modeling)
 Scriptex Products Co., Inc., 513 S. Second Street, Philadelphia 47, Pa. (Wood Glue, Leather Adhesive)
 Tri-Pine Company, 7638 Vincennes Avenue, Chicago 20, Ill. (Wood Glue)
 Weber Costello Co., 12th and McKinley, Chicago Heights 11, Ill. (Chalk Pastels)
 F. Weber Company, 1220 Buttonwood Street, Philadelphia 23, Pa. (Linoleum Block Printing Materials, Fabric Paints)

DESKS, CLASSROOM

*AMERICAN DESK MFG. CO., TEMPLE, TEXAS
 *AMERICAN SEATING CO., 901 BROADWAY, GRAND RAPIDS 2, MICH.
 Astra Bentwood Furniture Company, 61 West 46th Street, New York 19, N. Y.
 *BECKLEY-CARDY COMPANY, 1632 INDIANA AVENUE, CHICAGO 16, ILL.
 Milton Bradley Co., 74 Park Street, Springfield 2, Mass.
 *GRIGGS EQUIPMENT COMPANY, BOX 630, BELTON, TEXAS
 Heywood-Wakefield Co., No. State St., Menominee, Mich. (also Gardner, Mass.)
 Huntington Seating Company, 480 Lexington Avenue, New York 17, N. Y.
 Ideal Seating Company, 519 Ann Street, N. W. Grand Rapids, Michigan
 Indiana Desk Company, 412 North Fourth Street, St. Louis 2, Mo.
 *NORCOR MFG. CO., 301 BRIDGE ST., LEONARD, ILL.
 The Peabody Seating Co., Inc., North Manchester, Indiana
 Potomac Engineering Corporation, 664 North Michigan Avenue, Chicago 11, Ill.
 E. W. A. Rowles Company, North Hickory, Arlington Heights 11, Ill.

DISINFECTANTS

Arwell, Inc., 1119 Glenrock Avenue, Waukegan, Ill.
 Boyle-Midway, Inc., 22 East 40th Street, New York 16, N. Y.
 Braham Laboratories, Inc., 1200 West 9th Street, Cleveland 13, Ohio
 Chicago Sanitary Products Company, 3100 South Third Avenue, Chicago 16, Ill.
 Consolidated Laboratories, S. Vandewater at Hunt Avenue, St. Louis 10, Mo.
 *C. B. DOLAN CO., WESTPORT, CONN.
 *EDWARD DON & COMPANY, 2201 S. LA SALLE STREET, CHICAGO 16, ILL.
 E. T. Savogran & Sons, 1004 Western Avenue, Chicago 11, Ill.
 B. R. Elk & Co., Inc., 193 Palladium Avenue, Fairfield, N. J.
 Elbay Products Company, 323 West 16th Street, New York 11, N. Y.
 Empire Chemical Products Company, 10 Longworth Street, Newark 2, N. Y.
 Fairfield Laboratories, Inc., 417 Cleveland Avenue, Plainfield, N. J.
 F. Heller & Company, Calumet and 40th Street, Chicago 11, Ill.
 Higley Chemical Company, 717 Iowa Street, Dubuque, Iowa
 *HILLARY SALES COMPANIES, 402 NO. 3RD ST., JOSEPH 1, MO.
 J. I. Holcomb Mfg. Company, 1601 Burt Avenue, Indianapolis 1, Ind.
 *HUNTINGTON SEATING COMPANY, 480 E. TIFTON ST., HUNTINGTON, IND.
 Imperial Products Company, 1600 Fountain Street, Philadelphia 21, Pa.
 Kemiko Mfg. Company, 500 Chancellor Avenue, Irvington 11, N. J.

Klenzade Products, Inc., P. O. Box 70, Beloit, Wisc.
 Samuel Lewis Co., Inc., 73 Barclay Street, New York 7, N. Y.
 Midland Laboratories, 210 Jones Street, Dubuque, Iowa
 Oakite Products, Inc., 22 Thames Street, New York 6, N. Y.
 Peda Spray Company, Inc., 53 N. Parke Street, Box 118, Pontiac 16, Mich.
 Pennsylvania Salt Mfg. Company, 1000 Widener Building, Philadelphia 7, Pa.
 Pittsburgh Plate Glass Company, Columbia Chemical Division, 13th Avenue at Bellefield, Pittsburgh 13, Pa.
 Pro-Tex All Company, Inc., 104 N. W. First Street, Evansville 8, Indiana
 Reissner Chemical Company, 4515 12th Avenue, Brooklyn 19, N. Y.
 Theo. B. Robertson Products Co., Inc., 700-704 W. Division St., Chicago 10, Ill.
 Rochester Germicide Company, 333 Hollenbeck Street, Rochester 21, N. Y.
 Saspin Chemicals, Inc., 113 West Hubbard Street, Chicago 10, Ill.
 The Solig Company, 342 Marietta St., N. W., Atlanta 1, Ga.
 John Sexton & Company, 500 N. Orleans Street, Chicago 11, Ill.
 L. Sonneborn & Sons, Inc., Whistleback Div. 80 Eighth Ave., New York 11, N. Y.
 Southern Chemical Co., 1555 Hanford St., P. O. Box 193, Charleston 24, W. Va.
 ★NATHAN STRAUS-DUPARQUET, INC., 33 EAST 17TH ST., NEW YORK 3, N. Y.
 Tru-Fine Company, 20 Vincennes Avenue, Chicago 20, Illinois
 U. S. Sanitary Specialties Corp., 1001 So. California Avenue, Chicago 12, Ill.
 Vestal, Inc., 463 Manchester St., Suite Mo. West Disinfecting Company, 4216 West Street, Long Island City 1, N. Y.
 Wyandotte Chemicals Corp., Wyandotte, Michigan

DRAFTING MATERIALS

American Lead Pencil Company, 500 Willow Avenue, Hoboken, N. J.
 C-Thru Ruler Company, 827 Windsor Street, Hartford, Conn.
 Eagle Pencil Company, 703 East 13th Street, New York 3, N. Y.
 ★EBERHARDT FABER PENCIL CO., 37 GREENPOINT AVE., BROOKLYN 22, N. Y.
 Engineering Manufacturing Company, 619 A. No. Commerce St., Sheboygan, Wisc.
 Opplum Company, 1422 Fourth Avenue, New York 10, N. Y.
 Rosco Laboratories, 367 Hudson Avenue, Brooklyn 1, N. Y.
 F. Weber Company, 1220 Buttonwood Street, Philadelphia 23, Pa.

DRINKING FOUNTAINS

American Radiator Standard Sanitary Corp., Box 1226, Pittsburgh 30, Pa.
 ★BRADLEY WASHFOUNTAIN COMPANY, 238 W. MICHIGAN STREET, MILWAUKEE 1, WISC.
 Copeland Refrigeration Corp., Sidney Ohio
 The Ebo Manufacturing Company, 401 West Town Street, Columbus 10, Va.
 ★FRIGIDAIR DIVISION, GENERAL MOTORS CORPORATION, 300 TAYLOR ST., DAYTON 1, OHIO
 ★GENERAL ELECTRIC COMPANY, 1 RIVER ROAD SCHENECTADY 5, N. Y.
 Paul S. Jones Co., Inc., 147 West 22nd Street, New York 11, N. Y.
 Murdock Mfg. Company, 426 Plum Street, Cincinnati 2, Ohio
 ★NATIONAL CHINA & EQUIPMENT CORP., 214-18 E. FOURTH STREET, MARION, IND.
 Star Metal Mfg. Co., Inc., Trenton Ave. and Ann St., PHILA. 16, Pa.
 ★NATHAN STRAUS-DUPARQUET, INC., 33 EAST 17TH ST., NEW YORK 3, N. Y.
 The Halsey W. Taylor Company, 137 North Street, Warren, Ohio

ELECTRICAL EQUIPMENT

★ACE ELECTRIC APPLIANCE CORP., 4834 FIFTH AVE., BROOKLYN 19, N. Y.
 Carborundum Co., Buffalo Ave. and Portage Road, Box 337, Niagara Falls, N. Y.
 Delien Corporation, Electric Fly Screen Div., 303 W. 42nd St., New York 18, N. Y.
 Thomas A. Edison Incorporated, Lakeside Avenue, West Orange, N. J.
 ★GENERAL ELECTRIC COMPANY, 1 RIVER ROAD SCHENECTADY 5, N. Y.
 ★GENERAL SLICING MACHINE CO., INC., WALDEN, NEW YORK
 Jackson Dishwasher Company, 3703 East 93rd Street, Cleveland 5, Ohio
 Kliegl Bros., Univ. Electric Stage Lighting Co., Inc., 162 West 50th Street, New York 19, N. Y.
 ★NATIONAL ELECTRICAL MANUFACTURERS ASSOC., 162 WEST 47TH STREET, NEW YORK 19, N. Y.
 Patrick & Wilkins Company, 51 North 7th Street, Philadelphia 6, Pa.
 Peaslee Gaulbert Corp., 226 North 15th Street, Louisville 3, Ky.
 Westinghouse Electric Corp., 246 E. Fourth Street, Mansfield, Ohio

FANS

American Air Filter Co., Inc., Herman Nelson Div., 1524 Third Ave., Moline, Ill.
 Dixie Canner Company, P. O. Box 1345, Athens, Georgia
 ★EDWARD DON & COMPANY, 2201 S. LA SALLE STREET, CHICAGO 12, ILL.
 The Eagle-Picher Company, American Building, Cincinnati 1, Ohio
 The Emerson Electric Mfg. Co., 8100 Florissant Avenue, St. Louis 17, Mo.
 ★GENERAL ELECTRIC CO., 1 RIVER ROAD SCHENECTADY 5, N. Y. and 1285 BOSTON AVE., BRIDGEPORT 2, CONN.
 ILC Elect. Ventilating Company, 2550 N. Crawford, Chicago 41, Ill.
 MacDonald & Gehm, Inc., 100 Worth Street, New York 16, N. Y.
 ★NATIONAL CHINA & EQUIPMENT CORP., 214-18 E. FOURTH STREET, MARION, INDIANA

Pasche Airbrush Company, 1909 Diversey Parkway, Chicago 14, Ill.
 Peaslee Gaulbert Corp., 226 North 15th Street, Louisville 3, Ky.
 Reynolds Electric Company, 3000 River Street, Wichita 1, Kansas
 ★NATHAN STRAUS-DUPARQUET, INC., 33 EAST 17TH ST., NEW YORK 3, N. Y.
 The O. S. Sutton Corporation, 1812 West Street, Wichita 1, Kansas
 The Trane Company, 2nd and Cameron, La Crosse, Wisc.
 Westinghouse Electric Corp., 653 Page Boulevard, Springfield 2, Mass.

FENCES

American Steel & Wire Company, Cyclone Fence Division, United States Steel Corp. Sub., P. O. Box 260, Waukegan 1, Ill.
 ★ATLAS FENCE COMPANY, PHILADELPHIA 34, PA.
 ★CONTINENTAL STEEL CORPORATION, KOKOMO, INDIANA
 ★COPPERWELD STEEL CO., 1035 MONONGAHELA AVE., GLASSPORT, Pa.
 Peaslee Gaulbert Corp., 226 North 15th Street, Louisville 3, Ky.
 Stewart Iron Works Company, P. O. Box No. 1039, Cincinnati 1, Ohio
 ★KELFIRE SPENCER STEEL DIVISION, COLORADO FUEL IRON CORPORATION, 361 DELAWARE AVENUE, BUFFALO 2, N. Y.

FILMS, EDUCATIONAL

Association Films, Inc., 35 West 45th Street, New York 19, N. Y. (16 mm.)
 The Athletic Institute, 209 S. State Street, Chicago 31, Ill. (16 mm., Strip)
 Audio Film Center, 45 West 45th Street, New York 19, N. Y.
 Stanley Bowmar Company, 513 West 166th Street, New York 19, N. Y.
 Bray Studios, Inc., 728 Seventh Avenue, New York 19, N. Y. (16 mm.)
 ★BRITISH INFORMATION SERVICE, 30 WOODKELLER PLAZA, NEW YORK 20, N. Y. (16 mm. Strip)
 Cathedral Films, 1970 Cahuenga Blvd., Hollywood 28, Calif. (Strip)
 Coronet Films, Coronet Building, Chicago 1, Ill. (16 mm.)
 Denoyer-Geppert Co., 5235 Ravenswood Ave., Chicago 40, Ill. (16 mm. Strip)
 ★EDITED PICTURES SYSTEMS, 165 W. 46TH ST., NEW YORK 19, N. Y. (16 mm.)
 Encyclopaedia Britannica Films, 1150 Wilmette Avenue, Wilmette, Ill. (16 mm.)
 Eye Gate House, Incorporated, 330 West 42nd Street, New York 18, N. Y. (16 mm.)
 ★FILMFAUX PRODUCTIONS, 10 EAST 43RD STREET, NEW YORK 17, N. Y.
 Film Program Service, 1173 Sixth Avenue, New York 19, N. Y.
 A. F. Films, Inc., 1600 Broadway, New York 19, N. Y. (16 mm.)
 Films Incorporated, 330 West 42nd Street, New York 18, N. Y. (16 mm., Strip, Slide)
 Film Publishers, Inc., 25 Broad St., New York 19, N. Y. (16 mm., Strip)
 Hawley-Lord, Inc., 61 West 56th Street, New York 19, N. Y. (16 mm.)
 Hollywood Film Enterprises, Inc., 6060 Sunset Blvd., Hollywood 28, Calif. (16mm.)
 ★HUNTINGTON LABORATORIES, INC., 500 E. TIPTON ST., HUNTINGTON, IND.
 ★INSTITUTIONAL CINEMA SERVICE, INC., 1560 BROADWAY, NEW YORK 19, N. Y. (16 MM.)
 Instructional Films, Inc., 330 W. 42nd St., New York 18, N. Y. (16 mm., Strip, Slide)
 ★INTERNATIONAL FILM EXCHANGE, 1600 BROADWAY, NEW YORK 19, N. Y. (16 mm.)
 ★THE JAM HANDY ORGANIZATION, 2831 EAST GRAND BLVD., DETROIT, MICH. (16 mm., Strip)
 ★JOHNSON & JOHNSON, NEW BRUNSWICK, N. J. (16 mm.)
 Keystone View Co., Meadville, Pa. (Slide)
 Lawrence Camera Shop, 149 No. Broadway, Wichita 5, Kansas (16 mm., Strip)
 ★MCGRAW-HILL BOOK COMPANY INC., 330 WEST 42ND STREET, NEW YORK 18, N. Y. (16 mm., Strip)
 March of Time Forum Films, 368 Lexington Ave., New York 17, N. Y. (16 mm.)
 Mogull's, 112 West 48th Street, New York 19, N. Y. (16 mm., Strip, Slide)
 ★NU-ART FILMS, 112 WEST 48TH STREET, NEW YORK, N. Y.
 ★PAN-AMERICAN BAND INSTRUMENTS, 1105 R. BEARDSLEY AVENUE, ELKHART, IND. (Strip)
 Pennsylvania Salt Mfg. Company, 1000 Widener Building, Philadelphia 7, Pa.
 RKO Radio Pictures, Inc., 16 mm Department, 1270 Ave. of Americas, New York 20, N. Y. (16 mm.)
 Rorty Typewriter Company, Inc., 8 Park Avenue, New York 16, N. Y. (16 mm.)
 Science Research Associates, 228 South Wabash Avenue, Chicago 4, Ill. (Strip)
 Shell Oil Company, 50 West 50th Street, New York 20, N. Y. (16mm.)
 Skibo Productions, Inc., 165 West 46th Street, New York 19, N. Y. (16 mm.)
 Society for Visual Education, Inc., 1345 West Diversey Parkway, Chicago 14, Ill. (Strip, Slide)
 United Air Lines, School & College Service, 5569 S. Cicero Avenue, Chicago 38, Illinois (16 mm., Strip)
 United Specialists, Inc., Quaker Hill, Pawling, New York (16 mm.)
 United World Films, 1445 Park Ave., New York 29, N. Y. (16 mm., Strip)
 Variety Merchandise Publications, Visual Training Division, 192 Lexington Avenue, New York 16, N. Y. (Slide, Sound)
 Westinghouse Electric Corp., 246 E. Fourth Street, Mansfield, Ohio (16 mm., Strip)
 ★H. W. WILSON CO., 950 UNIVERSITY AVENUE, NEW YORK 63, N. Y.

FILMS, ENTERTAINMENT

Association Films, Inc., 35 West 45th Street, New York 19, N. Y.
 Astor-Globe Corp., 45 West 45th Street, New York, N. Y.
 Bray Studios, Inc., 728 Seventh Avenue, New York 19, N. Y. (16 mm.)
 Cathedral Films, Inc., 1970 Cahuenga Blvd., Hollywood 28, Calif.
 ★EDITED PICTURES SYSTEMS, 165 W. 46TH ST., NEW YORK 19, N. Y. (16 mm.)
 Encyclopaedia Britannica Films, 1150 Wilmette Avenue, Wilmette, Ill. (16 mm.)
 Film Program Service, 1173 Sixth Avenue, New York 19, N. Y.
 Films Incorporated, 330 West 42nd Street, New York 18, N. Y. (16 mm., Strip)
 Hawley-Lord, Inc., 61 West 56th Street, New York 19, N. Y. (16 mm.)
 Hollywood Film Enterprises, Inc., 6060 Sunset Blvd., Hollywood 28, Calif. (16 mm.)
 ★INSTITUTIONAL CINEMA SERVICE, INC., 1560 BROADWAY, NEW YORK 19, N. Y. (16 mm.)
 ★THE JAM HANDY ORGANIZATION, 2831 EAST GRAND BLVD., DETROIT, MICH. (16 mm., Strip)
 Keystone View Co., Meadville, Penna. (Slide)
 Lawrence Camera Shop, 149 No. Broadway, Wichita 5, Kansas (16 mm., strip)
 Mogull's, 112 West 48th Street, New York 19, N. Y. (16 mm., Strip, Slide)
 ★NU-ART FILMS, 112 WEST 48TH STREET, NEW YORK, N. Y.
 Republic Pictures Corp., 1740 Broadway, New York 19, N. Y. (16 mm.)
 RKO Radio Pictures, Inc., 16 mm. Department, 1270 Ave. of Americas, New York 20, N. Y. (16 mm.)
 Skibo Productions, Inc., 165 West 46th Street, New York 19, N. Y. (16 mm.)
 Society for Visual Education, Inc., 1345 West Diversey Parkway, Chicago 14, Ill. (Strip, Slide)
 United World Films, Inc., 1445 Park Avenue, New York 29, N. Y. (16 mm., Strip)
 Westinghouse Electric Corp., 246 E. Fourth St., Mansfield, O. (16 mm., Strip)

FILM EQUIPMENT AND SUPPLIES

★AMERICAN PRODUCTS COMPANY, 2287 HOLLERS AVE., NEW YORK 96, N. Y.
 ★AMRO CORPORATION, 2835 N. WESTERN AVENUE, CHICAGO 18, ILL.
 ★BELL & HOWELL COMPANY, 7100 MCCORMICK ROAD, CHICAGO 45, ILL.
 Denoyer-Geppert Company, 5335 Ravenswood Avenue, Chicago 40, Ill.
 Eastman Kodak Company, 343 State Street, Rochester 4, N. Y.
 Embroider Corporation of America, 38 West 21st Street, New York 10, N. Y.
 ★INSTITUTIONAL CINEMA SERVICE, 1560 BROADWAY, NEW YORK 19, N. Y.
 Kin-O-Lux, Inc., 105 West 40th Street, New York 18, N. Y.
 Lawrence Camera Shop, 149 No. Broadway, Wichita 5, Kansas
 Mogull's, 112 West 48th Street, New York 19, N. Y.
 ★NATCO, 4401 W. NORTH AVENUE, CHICAGO 39, ILL.
 ★NEUMADE PRODUCTS CORP., 330 WEST 42ND ST., NEW YORK 18, N. Y.
 ★NU-ART FILMS, 112 WEST 48TH STREET, NEW YORK, N. Y.
 Rosco Laboratories, 367 Hudson Avenue, Brooklyn 1, N. Y.
 Society for Visual Education, Inc., 1345 W. Diversey Parkway, Chicago 14, Ill.

FIRE PROTECTION EQUIPMENT

Allied Chemical & Dye Corp., Solvay Sales Division, 40 Rector St., New York 10, N. Y.
 ★ATKINSON FIRE-PROOFING CO., 100 E. LaFrance Street, Elmira, N. Y.
 Ansil Chemical Company, Fire Extinguisher Division, Marinette, Wisc.
 Buffalo Fire Appliance Corporation, 221 Crane Street, Dayton, Ohio
 C-O-Two Fire Equipment Co., P. O. Box 14, HERSHEY, Pa. (16 mm.)
 ★EDWARD DON & COMPANY, 2201 S. LA SALLE ST., CHICAGO 16, ILL.
 R. R. Elk & Co., Inc., 195 Palisade Avenue, Gardenvale, N. Y.
 The Fry-Fyter Company, 221 Crane Avenue, Dayton 1, Ohio
 General Detroit Corporation, 2272 E. Jefferson Avenue, Detroit, Michigan
 Harris Preble Fire Doors, Inc., 4608 West 30th Street, Chicago 50, Ill.
 Hussey Mfg. Co., North Berwick, Maine
 Walter Kidde & Company, Inc., 685 Main Street, Belleville 9, N. J.
 Midwest Perforated Mfg. Company, 452 N. Sangamon Street, Chicago 22, Ill.
 Mine Safety Appliances Company, 201 N. Brocks Avenue, Pittsburgh 8, Pa.
 Patrick & Wilkins Company, 51 North 7th Street, Philadelphia 6, Pa.
 ★PETER MFG. CO., 6110 N. CALIFORNIA AVE., CHICAGO 45, ILL.
 Pyrene Manufacturing Company, 560 Belmont Avenue, Newark 8, N. J.
 Rosco Laboratories, Inc., 616 E. Kinzie Street, Chicago 11, Ill.
 Rosco Laboratories, 367 Hudson Avenue, Brooklyn 1, N. Y.
 Spratburn Fire Escape Company, 228 N. Telford Electric Time Co., 89 Logan Street, Springfield 2, Mass.
 Teaco Company, Division Industrial Management Corp., 458 South Spring Street, Los Angeles 13, Calif.
 Watson-Standard Co., 225 Galveston Ave., Pittsburgh 30, Pa. (Fire Guard Wall Paint)

FLAGS AND ACCESSORIES

Braham Laboratories, Inc., 1200 West 9th Street, Cleveland 13, Ohio
 J. L. Hammitt Company, Kendall Square, Cambridge 42, Mass.
 Reed & Company, 373-4th Avenue, New York 19, N. Y.
 Ribley & Ribley, 1330 "C" Street, San Diego 2, Calif.

FLOOR COVERINGS

Armstrong Cork Company, Lancaster, Pa.
 The Carborundum Company, Buffalo Avenue and Portage Road, Box 337, Niagara Falls, New York
 Colorado Tent & Awning Co., 1642 Lawrence St., Denver 2, Colorado (Canvas)
 Congoleum Nairn, Inc., 195 Belgrave Drive, Kearney, N. J.
 Federal Flooring Corporation, 82 West Dedman Street, Boston 18, Mass.
 Flintkote Co., Tile-Tox Division, 1232 McKinley Avenue, Chicago Heights, Ill.

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Maconite Corporation, 111 W. Washington Street, Chicago 2, Ill.
National Tile & Manufacturing Company, 1200 E. 26th Street, Anderson, Ind.
The Paraffine Companies, Inc., 475 Branban Street, San Francisco 19, Calif.
*NATHAN STRAUS-DUPARQUET, INC., 33 EAST 17TH ST., NEW YORK 3, N. Y.
United Laboratories, Inc., 16801 Euclid Avenue, Cleveland 12, Ohio
U. S. Stoneware Company, P. O. Box 350, Akron 9, Ohio

FLOOR FINISHES AND DRESSINGS

*AMERICAN CRAYON COMPANY, 1706 HAYES AVENUE, SANDUSKY, OHIO
*THE AMERICAN FLOOR SURFACING MACHINE CO., 618 SOUTH ST. CLAIR STREET, TOLEDO, OHIO 757
The Arco Company, 7301 Bessemer Avenue, Cleveland 27, Ohio
Armstrong Cork Company, Lancaster, Pa.
Boyle-Midway, Inc., 22 East 40th Street, New York 16, N. Y.
Braham Laboratories, Inc., 1200 West 9th Street, Cleveland 13, Ohio
Bram Chemical Company, 2107 W. Erie Avenue, Philadelphia 40, Pa.
M. A. Bruder & Sons, Inc., 52nd & Grays Avenue, Philadelphia 43, Pa.
Chicago Sanitary Products Company, 3100 South Throop Street, Chicago 8, Ill.
Consolidated Laboratories, S. Vandeventer at Hunt Ave., St. Louis 10, Mo.
Continental Car-Na-Var Corp., Brazil, Ind.
Devoe and Reynolds, Inc., 757 First Avenue, New York 17, N. Y.
*C. B. DOLGE CO., WESTPORT, CONN. A. T. Bawson & Sons, 1004 Western Saving Fund Bldg., Philadelphia, Pa.
Empire Chemical Products Company, 10 Longworth Street, Newark 2, N. J.
*ENDUR PAINT COMPANY, 46 CORNHILL, BOSTON 8, MASS.
Enterprise Paint Mfg. Company, 2841 S. Ashland Avenue, Chicago 15, Ill.
Essential Chemicals Company, 744 N. Fourth Street, Milwaukee 3, Wisc.
Federal Flooring Corporation, 122 West Dedham Street, Boston 15, Mass.
Federal Varnish Div., Ashland Ave. & 29th Street, Chicago 8, Ill.
Huntco Company, Pile-Tex Division, 1222 McKinley Avenue, Chicago Heights, Ill.
Franklin Research Distrib., Inc., 2020 Market Street, Denver 2, Colo.
Lancaster Ave., Philadelphia, Pa.
The Glidden Company, 11001 Madison Avenue, Cleveland 2, Ohio
Hilkey Chemical Company, 717 Iowa Street, Dubuque, Iowa
*HILLIARD SALES COMPANIES, 402 N. 3RD ST., JOSEPH 1, MO.
J. J. Holcomb Mfg. Company, 1601 Barth Avenue, Indianapolis 7, Ind.
*HUNTINGTON LABORATORIES, 900 E. TIPTON ST., HUNTINGTON, IND.
International Metal Polish Company, 1910 Quill Street, Indianapolis 7, Ind.
Kemiko Mfg. Company, 500 Chancellor Avenue, Irvington 11, N. J.
David E. Kennedy, Inc., 58 Second Avenue, Brooklyn 15, N. Y.
Walter G. Leggo Co., Inc., 101 Park Avenue, New York 17, N. Y.
Midland Laboratories, 210 Jones Street, Dubuque, Iowa
Multi-Clean Products, Inc., 2277 Ford Parkway, St. Paul 1, Minn.
Pavilion, Inc., 342 Madison Avenue, New York 17, N. Y.
The Penetone Company, 74 Hudson Avenue, Tenafly, N. J.
Ponsell Floor Machine Company, 220 West 19th Street, New York 11, N. Y.
Prait & Lambert, Inc., 75 Tonawanda Street, Buffalo 7, N. Y.
Pro-Tex-All Company, Inc., 104 N. W. First Street, Evansville 8, Ind.
Revam Plastic Products Co., 1525 E. 53rd Street, Chicago 15, Ill.
Rochester Germicide Company, 333 Hollenbeck Street, Rochester 21, N. Y.
The Selig Company, 342 Marietta St., New York, Atlanta 1, Ga.
Serrvete Co., Inc., 109 West 42nd Street, New York 18, N. Y.
Southern Chemical Co., 1565 Hansford St., P. O. Box 1193, Charleston 24, W. Va.
The Stamline Corporation, 109 Water Street, New Haven 11, Conn.
G. H. Tennant Company, 2530 North Second Street, Minneapolis 11, Minn.
U. S. Sanitary Specialties Corp., 1001 So. California Ave., Chicago 12, Ill.
Vestal, Inc., 4983 Manchester, St. Louis 10, Mo.
Watson-Standard Co., 225 Galveston Avenue, Pittsburgh 30, Pa.
West Disinfecting Company, 4216 West Street, Long Island City 1, N. Y.

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*THE AMERICAN FLOOR SURFACING MACHINE COMPANY, 618 SOUTH ST. CLAIR STREET, TOLEDO 5, OHIO
*ATLAS FLOOR SURFACING MACHINE CO., 248 EAST 34TH STREET, NEW YORK 16, N. Y.
Braham Laboratories, Inc., 1200 West 9th Street, Cleveland 13, Ohio
Bram Chemical Company, 2107 W. Erie Avenue, Philadelphia 40, Pa.
Breuer Electric Mfg. Company, 5100 Ravenswood Avenue, Chicago 40, Ill.
Chicago Sanitary Products Company, 3100 South Throop Street, Chicago 8, Ill.
Clarke Sanding Machine Company, 30 E. Clay Ave., Muskegon, Mich.
Congoleum Nairn, Inc., Belgrave Drive, Kearny, N. J.
Consolidated Laboratories, S. Vandeventer at Hunt Ave., St. Louis 10, Mo.
Continental Car-Na-Var Corp., Brazil, Ind.
A. T. Bawson & Sons, 1004 Western Saving Fund Bldg., Philadelphia, Pa.

Empire Chemical Products Company, 10 Longworth Street, Newark 2, N. J.
Finnell System, Inc., 600 East Street, Eikeland, Ind.
*GERPERS WRINGER, INC., MUSKEGON, MICHIGAN
Hilkey Chemical Company, 717 Iowa Street, Dubuque, Iowa
The Hilger Company, 1209 St. Germain Street, St. Cloud, Minn.
Hilkey Chemical Company, 717 Iowa Street, Dubuque, Iowa
*HILLIARD SALES COMPANIES, 402 N. 3RD ST., JOSEPH 1, MO.
J. J. Holcomb Mfg. Company, 1601 Barth Ave., Indianapolis 7, Ind.
Kemiko Mfg. Company, 500 Chancellor Avenue, Irvington 11, N. J.
*THE KENT COMPANY, INC., 282 CANAL STREET, ROME, N. Y.
Lincoln-Schluter Floor Machinery Co., 1250 W. Van Buren St., Chicago 7, Ill.
Midland Laboratories, 210 Jones Street, Dubuque, Iowa
Multi-Clean Products, Inc., 2277 Ford Parkway, St. Paul 1, Minn.
Peaslee Gaulbert Corp., 226 North 15th Street, Louisville 3, Ky.
Ponsell Floor Machine Company, 220 West 19th Street, New York 11, N. Y.
Porter Cable Machine Company, 1714 No. Salina Street, Syracuse 8, N. Y.
Pro-Tex-All Company, Inc., 101 N. W. First Street, Evansville 8, Ind.
Sasip Chemicals, Inc., 113 West Hubbard Street, Chicago 10, Ill.
The Selig Company, 342 Marietta St., New York, Atlanta 1, Ga.
*SKILSAW, INC., 5033 ELSTON AVENUE, CHICAGO 30, ILL.
Southern Chemical Co., 1565 Hansford St., P. O. Box 1193, Charleston 24, W. Va.
*NATHAN STRAUS-DUPARQUET, INC., 33 EAST 17TH ST., NEW YORK 3, N. Y.
G. H. Tennant Company, 2530 North Second Street, Minneapolis 11, Minn.
Vestal, Inc., 4983 Manchester, St. Louis 10, Mo.

FOOD

Bernard Food Industries, Inc., 559 W. Fulton Street, Chicago, Ill.
Dell Products Corp., 58 Union St., Newark 3, N. J.
E. J. DeLoach, Inc., 200 W. Erie Avenue, Philadelphia 43, Pa.
A. T. Evenson & Sons, 1004 Western Saving Fund Bldg., Philadelphia, Pa.
*GENERAL MILK, INC., 200 SECOND AVE. SO., MINNEAPOLIS, MINN. (Cereals, Flour, Packaged Foods)
*GERRY FOOD PRODUCTS COMPANY, WESTCHESTER, PENNA. (Canned Mushrooms, Rice Cereal, Flavoring, Macaroni Products)
*HEINZ COMPANY, P. O. BOX 57, PITTSBURGH, PA. (Condiments, Fruits, Vegetables, Beans, Soup, Jelly, Complete Quantity Service)
B. Heller & Company, Calumet and 40th Street, Chicago 15, Ill. (Flavoring Extracts, Dessert Powders, Gelatin Desserts, Ice Cream Stabilizers)
H. H. Johnson Company, 221 State Street, Boston 9, Mass. (Canned Fruits and Vegetables; Prepared Pie Fillings, Ice Cream Specialties, Complete Lines for Food Service and Ice Cream Manufacture and Fountain Service)
Modern Maid Food Products, 856 39th Street, Brooklyn 32, N. Y. (Prepared Food Mixes—Biscuit Muffin, Pie Crust, Doughnut, Cake and Red-bread)
*THE NESTLE COMPANY, INC., MAGGI CO., INC., 350 FIFTH AVENUE, NEW YORK 17, N. Y. (Granulated Bouillon, Gravy Powder, Seasonings, Flavoring)
Paisley Products, Inc., 1770 Canalport Ave., Chicago 16, Ill. (Tapioca Flour, Potato Starch, Tapioca Granules and Pearls)
Pfizer Brothers, Inc., 911 W. 37th Place, Chicago 9, Illinois
Pillsbury Mills, Metropolitan Building, Minneapolis 2, Minn. (Flour, Cake Mixes, Roll Mixes, Doughnut Mixes)
John Sexton & Company, 500 N. Orleans Street, Chicago 90, Ill. (Manufacturing Wholesale Grocers)
Stokely-Van Camp, Inc., 941 N. Meridian Street, Indianapolis 10, Ind. (Canned and Frozen Vegetables, Fruits, Fruit Juices, Specialties—pickles and preserves—Meat)
Universal Foods Corporation, 3005 W. Carroll, Chicago, Ill.

FOOD SERVICE EQUIPMENT

Acme Bulletin Company, 371 East 12th Street, New York 3, N. Y. (Menu Boards)
Alumac Chemical & Dry Corp., Solway Sales Division, 40 Rector Street, New York 6, N. Y. (Dishwashing Compound)
*AMERICAN COOKING UTENSIL CO., 1270 WEAREVER BUILDING, NEW KENSINGTON, PA. (Cooking Utensils)
*AMERICAN TAYANADI CO., 30 ROCKEFELLER PLACE, NEW YORK 30, N. Y. (Plastic Dinnerware)
American Production Company, 621-627 California Drive, Burlingame, Calif. (Dishwashing Machines, Lunchroom Equipment)
Anchor Hocking Glass Corporation, Lancaster, Ohio (Glassware, Dinnerware, Heat Resistant Glass)
American Machine & Foundry Company, 485 Fifth Avenue, New York 17, N. Y. (Dinnerware for China, Glassware, Silverware)
American Slicing Machine Company, 520 N. Michigan Avenue, Chicago 11, Ill. (Electric Slicing Machines)
Artek, Inc., P. O. Box 119, Lima, Ohio (Electric Beverage Coolers)
Astra Bentwood Furniture Company, 61 West 6th Street, New York 19, N. Y.
Automatic Food Shaping Company, 58 New Street, New York 4, N. Y. (Patty Forming Machines)
G. A. Blakelock & Co., 1844 S. Laramie St., Chicago (Cicero), Ill. (Dishwashers)

S. Blickman, Inc., 68 Gregory Avenue, Weehawken, N. J. (Lunchroom Equipment, Kitchen Equipment)
Bram Chemical Company, 2107 W. Erie Avenue, Philadelphia 40, Pa. (Dishwashing Machines & Compounds)
Bram Laboratories, Inc., 1200 West 9th Street, Cleveland 13, Ohio (Dishwashing Compounds)
Bram Chemical Company, 2107 W. Erie Avenue, Philadelphia 40, Pa. (Dishwashing Machines & Compounds)
Brillo Manufacturing Co., Inc., 60 John Street, Brooklyn 1, N. Y. (Pads & Soap)
Bulfinch Bros. & Directory Products, Inc., 724 Broadway, New York 3, N. Y. (Menu Boards)
The Carborundum Company, Buffalo Avenue and Portage Road, Box 337, Niagara Falls, N. Y. (Sharpening Stones, Griddle Scouring Stones)
*CASCADE PAPER COMPANY, BOX 313, NORTH ADAMS, MASS. (Cafeteria Supplies, Plastic and Stainless Steel Items)
Chicago Sanitary Products Company, 3100 South Throop Street, Chicago 8, Ill. (Dishwashing Machines & Compounds)
Colgate-Palmolive-Peet Co., 105 Hudson St., Jersey City 2, N. J. (Hand Dishwashing Machines & Compounds)
A. C. Davenport & Son, Inc., 311 N. Desplaines Street, Chicago 6, Ill. (Cafeteria Supplies, Lunchroom Equipment)
Detroit Electric, Electric 276 Screen Div., 303 West 42nd Street, New York 18, N. Y. (Electric Fly Screens & Fly Traps)
*DETROIT-MICHIGAN STOVE CO., GPO Box 6038, DETROIT 3, MICH. (Gas Fired Commercial Cooking Equipment)
Dixie Canner Company, P. O. Box 1348, Street, Georgia (Dishwashing Machines & Compounds, Lunchroom Equipment)
Duchler Metal Furniture Co., Inc., 152 Loring Ave., New York 17, N. Y. (Cafeteria Supplies, Lunchroom Equipment)
*EDWARD DON & CO., 2201 S. LA SALLE ST., CHICAGO 18, ILL. (Cafeteria Supplies, Dishwashing Machines & Compounds, Lunchroom Equipment)
*DOUGLASS CORP., 1000 N. W. 1ST STREET, MIAMI, FLA. (Dishwashing Machines & Compounds)
*DOWNYFLAKE BAKING MFG. DIVISION, 393 SEVENTH AVE., NEW YORK 1, N. Y. (Automatic Donut Machines)
Dow Manufacturing Company, 2000 No. Broadway, St. Louis 6, Mo. (Waterless Food Warmers, Cafeteria Counters)
A. T. Evenson & Sons, 1004 Western Saving Fund Bldg., Philadelphia, Pa. (Dishwashing Machines & Compounds)
Essential Chemicals Company, 744 N. Fourth Street, Milwaukee 3, Wisc. (Dishwashing Machines & Compounds)
*FRIGIDAIRE DIVISION, GENERAL MOTORS CORPORATION, 300 TAYLOR STREET, DETROIT 17, OHIO (Ice Cream Cabinet, Refrigerator, Freezers, Beverage Coolers, Water Coolers)
General Refrigerator Corp., 678 Broadway, New York 12, N. Y. (Lunchroom Equipment, Refrigerators, Beverage Coolers)
*GENERAL SLICING MACHINE COMPANY, INC., WALDEN, N. Y. (Lunchroom Equipment, Slicing Machines, Electric Food Choppers)
Gerity-Michigan Corporation, 10 South Superior Street, Toledo 4, Ohio (Dishwashing Machines & Compounds)
*H. J. HEINZ COMPANY, P. O. BOX 57, PITTSBURGH, PA. (Soup Kitchen, Soup Warmers, Bean Pots)
*HILKEYS FOOD SERVICE EQUIPMENT, 105 METROPOLITAN AVENUE, BROOKLYN 16, N. Y.
Hilkey Manufacturing Company, Penn Ave., Troy, Ohio (Dishwashing Machines)
J. I. Holcomb Manufacturing Company, 1601 Barth Avenue, Indianapolis 7, Ind. (Dishwashing Compounds, Utensil Brushes and Scrubbers)
*HUNTINGTON LABORATORIES, 900 E. TIPTON ST., HUNTINGTON, IND. (Dishwashing Machines & Compounds)
*INTERNATIONAL MOLDED CLEVELAND, OHIO (Cafeteria Supplies, Dishwashing Compounds, Utensil Brushes and Scrubbers)
Iroquois China Company, 2320 Milton Avenue, Syracuse, N. Y. (Institutional Bittified China)
Jackson Dishwasher Company, 5703 East 93rd Street, Cleveland 5, Ohio (Dishwashing Machines)
H. H. Johnson Company, 221 State Street, Boston 9, Mass. (Cafeteria Supplies, Dishwashing Machines & Compounds, Lunchroom Equipment)
P. J. Jones & Co., Inc., 147 West 22nd Street, New York 11, N. Y. (Cafeteria Supplies, Dishwashing Machines & Compounds, Lunchroom Equipment)
Kendall Manufacturing Company, 500 Chancellor Avenue, Irvington 11, N. J. (Dishwashing Machines & Compounds)
Kendall Industrial Washer Corp., Kenawau, Ill. (Dishwashers)
*KEYES FIBRE COMPANY, 420 LEXINGTON AVE., NEW YORK 17, N. Y. (Plastic Dinnerware and Serving Trays)
Keystone Brass Works, Applied Plastics Division, 1102 West 12th Street, Erie, Pa. (Plastic Dinnerware)
Kluge-Wisla, Inc., P. O. Box 70, Beloit, Wisc. (Dishwashing Machines & Compounds)
*MERRILL LEE COMPANY, 3049 EAST 12TH STREET, BLVD., DETROIT 2, MICH. (Lunchroom Equipment)
Libbey Glass Company, Ohio Building, Toledo 1, Ohio (Glassware, Tableware)
Luna-Alpha Products Company, Inc., 469 Broadway Street, New York 13, N. Y.
McDonald & Gehm, Inc., 100 North Street, New York 13, N. Y. (Cafeteria Supplies, Dishwashing Machines & Compounds, Lunchroom Equipment, China, Glass, Silver, Utensils)

McGraw Electric Company, Toastmaster Products Division, 1200 St. Charles Road, Elgin, Ill. (Toasters, Waffle Bakers, Roll and Food Warmers)
Market Forge Company, 25 Garvey Street, Everett, Mass. (Steam Cooker, Commercial Pressure Cooker)
*MINNEAPOLIS ROYCEWELL REGULATOR COMPANY, 2475 FOURTH AVENUE SO., MINNEAPOLIS 8, MINN. (Temperature and Pressure Controls)
*MITCHELL MANUFACTURING COMPANY, 240 S. 31st STREET, MILWAUKEE 46, WISC. (Folding Tables)
*NATIONAL EQUIPMENT CORP., 214-18 EAST FOURTH STREET, MARION, IND. (Cafeteria Supplies, Dishwashing Machines & Compounds, Lunchroom Equipment, Plastic Tableware)
National Cornice Works, 1333 Channing Street, Los Angeles 21, Calif. (Dishwashing Machines & Compounds, Hot Food Tables, Roll Warmers)
*NATIONAL ELECTRICAL MANUFACTURERS ASSOCIATION, 155 EAST 4th STREET, NEW YORK, N. Y.
National Pressure Cooker Company, Eau Claire, Wisc. (Pressure Cookers & Accessories)
Nutting Truck and Caster Company, 1125 W. Division Street, Fairbairn, Minn. (Dish Tray Trucks, Shelf Trucks)
Oakite Products, Inc., 22 Thames Street, New York 6, N. Y. (Dishwashing Machines & Compounds)
Onida Ltd., Hotel Restaurant Division, Onida, N. Y. (Silver Plated Flatware, Stainless Steel Flatware)
The Penetone Company, 14 Hudson Avenue, Tenafly, N. J. (Dishwashing Machines & Compounds)
Parker D. Perry Inc., 729 Boylston Street, Boston 15, Mass. (Cafeteria Supplies—Plastic Tableware)
*ALEBERT PICK COMPANY, INC., 2159 PERSHING ROAD, CHICAGO 8, ILL. (Cafeteria Supplies, Dishwashing Machines & Compounds, Lunchroom Equipment)
Procter & Gamble, Cincinnati 1, Ohio (Dishwashing Machines & Compounds)
Pro-Tex-All Company, Inc., 104 N. W. First Street, Evansville 8, Ind. (Dishwashing Compounds)
The Pyral Company, 615 Jersey Street, Quincy, Ill. (Dishwashing Compounds)
Reynolds Electric Co., 3000 River Road, River Grove, Ill. (Lunchroom Equipment)
Theo. H. Robertson Products Company, Inc., 704-704 W. Division Street, Chicago 10, Ill. (Dishwashing Compounds)
*SCHIEBER MANUFACTURING COMPANY, 1270 BURT ROAD, DETROIT 23, MICH. (Lunchroom Equipment—Folding Tables, Benches, In Wall) Seamless Products Co., Inc., 311 West 68th St., New York 23, N. Y. (Cafeteria Supplies, Lunchroom Equipment, Steel and Stainless Steel Kitchen Ladders)
John Sexton & Company, 500 N. Orleans Street, Chicago 90, Ill. (Dishwashing Compounds)
The Silco Company, Hartford 2, Conn. (Coffee Makers, Glass Vacuum, Ranges for Coffee Makers—Gas & Electric—Electric Unit for Producing Boiling Water)
L. Sonneborn Sons, Inc., Whistler Building, 80 Eighth Avenue, New York 11, N. Y. (Dishwashing Machines & Compounds)
Southern Chemical Company, 1525 E. 53rd St., P. O. Box 1193, Charleston 24, W. Va. (Dishwashing Machines & Compounds)
Southern Cross Manufacturing Corp., 1025 Connecticut Avenue, New York 17, D. C. (Glass Washing, Pot and Pan Washing Machines, Fruit Juicing Machines)
Southern Equipment Company, 5017 S. 38th Street, St. Louis, Mo.
Sparkler Manufacturing Co., Division & Lake St., Mundelein, Ill. (Frits—Purification of Frying Oils, Lanchers)
Harlow C. Stahl Company, 1375 E. Jefferson, Detroit 7, Mich. (Cafeteria Supplies, Lunchroom Equipment—Commercial Aluminum Cookware)
Star Metal Manufacturing Company, Inc., Trenton Avenue & Ann Street, Philadelphia 34, Pa. (Cafeteria & Lunchroom Equipment, Counters, Urns, Tray Racks, Dish Trucks, Complete Cafeteria Engineering and Fabrication)
Sterling Equipment Mfg. Corp., 2301-17 N. Miami Ave., Miami 37, Fla. (Steam Tables, Dish Tables, Work Tables, Scurry Sinks, Counters, Coffee Urns)
Stone Straw Corp., 905 N. E. Washington 17, D. C. (Drinking Straws)
Stoner Mfg. Corp., 328 Lake Street, Aurora, Ill. (Candy Vending Machines)
*NATHAN STRAUS-DUPARQUET, INC., 33 EAST 17TH ST., NEW YORK 3, N. Y. (Cafeteria Supplies, Dishwashing Machines & Compounds)
The Tanglefoot Company, 314 Straight Avenue, S. W. Grand Rapids 4, Mich. (Insecticide Sprayers)
The Halsey W. Taylor Company, 137 North Street, Warren, Ohio (Cafeteria Water Coolers)
Toledo Scale Co., Box 97, Toledo 12, Ohio
U. S. Sanitary Specialties Corp., 1001 So. California Avenue, Chicago 12, Ill. (Dishwashing Compounds)
Universal Dishwashing Machinery Co., Nutley 10, N. J. (Dishwashing Machines)
John Van Range Company, Division of The Edwards Manufacturing Company, 311 Eggleston Avenue, Cincinnati 2, Ohio (Dishwashing Machines, Lunchroom Equipment, Custom-made Sinks, Work Tables, Coffee Urns, Steam Tables, etc.)
West Disinfecting Company, 4216 West Street, Long Island City 1, N. Y. (Dishwashing Compounds)
Westinghouse Electric Corp., 653 Pace Boulevard, Springfield 2, Mass. (Electric Water Coolers)

FURNITURE, OFFICE

*BECKLEY-CARDY COMPANY, 1632 INDIANA AVE., CHICAGO 16, ILL.
 *BURRELLS ADDING MACHINE CO., 6071 1/2 SECOND AVE., DETROIT, MICH.
 Dependable Mfg. Company, 434 Keeline Building, Omaha, Nebraska
 Duvler Metal Furniture Co., Inc., 192 Lexington Ave., New York 16, N. Y.
 Heywood-Wakefield Co., No. State St., Menominee, Mich. also Gardner, Mass.
 Howe Folding Furniture, Inc., One Park Avenue, New York 16, N. Y.
 Huntington Seating Company, 480 Lexington Avenue, New York 17, N. Y.
 Kauffman Radiator Shield Co., St. Louis 8, Mo.
 Potomac Engineering Corporation, 664 North Michigan Ave., Chicago 11, Illinois
 The Rak Makers, P. O. Box 1616, New London, Conn.
 Republic Steel Corporation, Berger Manufacturing Division, 1035 Belden Ave., N.E., Canton 5, Ohio
 Royal Metal Mfg. Company, 175 N. Michigan Ave., Chicago 1, Ill.
 *NATHAN STRAUS-DUPARQUET, INC., 33 EAST 17TH ST., NEW YORK 3, N. Y.

GARBAGE DISPOSAL EQUIPMENT

*GENERAL ELECTRIC COMPANY, 1 RIVER ROAD, SCHENECTADY, N. Y., also 1285 BOSTON AVENUE, BRIDGEPORT 2, CONN.
 *NORCOR MANUFACTURING COMPANY, INC., 301 BRIDGE STREET, GREEN BAY, WISC.
 Salvator Company, 115 S. W. Blvd., Kansas City 8, Mo.
 Williams Oil-O-Matic Division, Eureka Williams Corp., 1201 E. Bell St., Bloomington, Ill.

GLIDES, SLIDES

Adjustable Carpet Company, 1411 Walnut St., Philadelphia 2, Pa.
 The Bassick Company, 437 Howard Ave., Bridgeport 2, Conn.
 Buckeye Glide Co., Inc., 131 East 23rd Street, New York 10, N. Y.
 The J. E. Burke Co., Fond du Lac, Wisc.
 Darnell Corporation, Ltd., 3517 East 11th Street, Long Beach, Calif.
 Eljay Products Company, 323 West 16th Street, New York 11, N. Y.
 Samuel Lewis Co., Inc., 73 Barclay Street, New York 7, N. Y.
 National Chair Company, 412 North Fourth Street, St. Louis 2, Mo.

GRANDSTANDS, STADIUMS

*BLACK, SIVALLS & BRYSON, INC., KANSAS CITY 6, MO.
 J. L. Hammett Company, Kendall Square, Cambridge 42, Mass.
 Heywood-Wakefield Co., No. State St., Menominee, Mich. also Gardner, Mass.
 Horn Brothers, Fort Dodge, Iowa
 Hussey Mfg. Co., North Berwick, Me.
 Ideal Seating Company, 519 Ann Street, N. W. Grand Rapids 2, Mich.
 *KERRIGAN IRON WORKS, INC., NASHVILLE 1, TENN.
 Leavitt Corp., 208 Griggs, Urbana, Ill.
 The Peabody Seating Company, Inc., North Manchester, Ind.
 Safway Steel Products, Inc., 6222 W. State Street, Milwaukee 13, Wisc.
 Universal Bleacher Corp., 608 S. Neil Street, Champaign, Ill.
 Wayne Iron Works, 314 N. Pembroke Avenue, Wayne, Pa.

GYMNASIUM EQUIPMENT

Colorado Tent & Awning Company, 1642 Lawrence Street, Denver 2, Colo.
 J. L. Hammett Company, Kendall Square, Cambridge 42, Mass.
 Fred Medart Products, Inc., 3535 DeKalb St., St. Louis 16, Mo.
 National Sports Equipment Co., 360-370 N. Marquette Street, Fond du Lac, Wisc.
 J. E. Forter Corporation, Ottawa, Ill.
 Safway Steel Products, Inc., 6222 W. State Street, Milwaukee 13, Wisc.

HARDWARE

*AMERICAN PRODUCTS COMPANY, 2287 HOLLERS AVE., NEW YORK 66, N. Y.
 Henry Duxton & Sons, Inc., Unruh & Milnor Streets, Philadelphia 36, Pa.
 Glynn-Johnson Corporation, 4422 N. Ravenswood Avenue, Chicago 40, Ill.
 LCN Closers, Inc., Princeton, Ill.
 Norwalk Lock Company, Segal Lock & Hardware Co., Inc., 395 Broadway, New York 13, N. Y.
 Vonnegut Hardware Co., Von Duprin Div., 402 W. Maryland St., Indianapolis 9, Ind.

HEALTH AIDS

B. R. Elk & Company, Inc., 193 Palisade Avenue, Garfield, N. J.
 Hanovia Chemical & Mfg. Company, 100 Chestnut Street, Newark 6, N. J. (Ultra-violet Equipment)
 Johnston Hearing Aid Mfg. Company, 708 West 40th Street, Minneapolis 4, Minn. (Hearing Aids for Children)
 Maico Company, 21 N. Third Street, Minneapolis 1, Minn. (Hearing Aids)
 Microtone Co., 758 S. Mississippi River Blvd., St. Paul, Minn. (Audiometers)
 Zenith Radio Corporation, 6901 Dickens Avenue, Chicago, Ill. (Hearing Aids)

HEATING SYSTEMS

American Air Filter Co., Inc., Herman Nelson Div., 1324 Third Ave., Moline, Ill.
 American Radiator & Standard Sanitary Corp., Box 1226, Pittsburgh 30, Pa.
 E. K. Campbell Heating Company, 1809 Manchester Avenue, Kansas City 3, Mo.

Crane Company, 836 S. Michigan Avenue, Chicago 5, Ill.
 Eureka Williams Corp., Bloomington, Ill.
 *GENERAL ELECTRIC COMPANY, 1 RIVER ROAD, SCHENECTADY 5, N. Y.
 Surface Combustion Corporation, 2375 Dort Street, Toledo 1, Ohio
 The O. A. Sutton Corporation, 1812 West Second Street, Wichita 1, Kans.
 The Trane Company, 2nd & Cameron, La Crosse, Wisc.
 United States Radiator Corp. & Pacific Steel Boiler Division, Buhl Building, Detroit 26, Mich.
 Williams Oil-O-Matic Division, Eureka Williams Corp., 1201 E. Bell Street, Bloomington, Ill.
 Young Radiator Company, 709 S. Marquette Street, Racine, Wisc.

HOME ECONOMICS

Bavino Manufacturing Corp., 400 Scjagunda Street, Buffalo 11, N. Y.
 *FRIGIDAIRE DIVISION, GENERAL MOTORS CORP., 300 TAYLOR STREET, DAYTON 1, OHIO
 *GENERAL ELECTRIC COMPANY, 1285 BOSTON AVE., BRIDGEPORT 2, CONN.
 Kewanee Manufacturing Co., Adrian, Mich.
 Magnus Harmonica Corporation, 438-451 Frelinghuysen Avenue, Newark 5, N. J.
 *NATIONAL ELECTRICAL MANUFACTURERS ASSOCIATION, 155 EAST 4TH STREET, NEW YORK 1, N. Y.
 Potomac Engineering Corporation, 664 N. Michigan Avenue, Chicago 11, Illinois
 Westinghouse Electric Corporation, 246 E. Fourth Street, Mansfield, Ohio

INKS

*AMERICAN CRAYON COMPANY, 1706 HAYES AVENUE, SANDUSKY, OHIO
 Crescent Products Company, 315 N. 14th Street, Terre Haute, Ind.
 *GRUMACHER, INC., 460 WEST 34TH STREET, NEW YORK 1, N. Y.
 J. L. Hammett Company, Kendall Square, Cambridge 42, Mass.
 C. HOWARD HUNT PEN COMPANY, 7TH & STATE, CAMDEN 1, N. J.
 Scriptex Products Company, Inc., 513 S. Second Street, Philadelphia 47, Pa.
 F. Weber Company, 1230 Buttonwood Street, Philadelphia 23, Pa.

INSECTICIDES

Allied Chemical & Dye Corp., General Chemical Division, 40 Rector Street, New York 6, N. Y.
 Arwell, Inc., 1119 Glenrock Avenue, Waukegan, Ill. (Pest Control Service)
 Boyle-Midway, Inc., 22 East 40th Street, New York 16, N. Y.
 Braham Laboratories, Inc., 1200 West 9th Street, Cleveland 13, Ohio
 Bram Chemical Company, 2107 W. Erie Avenue, Philadelphia 40, Pa.
 Bridgeport Chemical Company, 30 Grand Street, Bridgeport 2, Conn.
 Chicago Sanitary Products Company, 3100 W. Touhy Ave., Chicago 48, Ill.
 Consolidated Laboratories, S. Vandeventer at Hunt Avenue, St. Louis 10, Mo.
 Continental Car-Na-Var Corp., Brazil, Ind.
 Detien Corp., Electric Fly Screen Div., 303 West 42nd Street, New York 18, N. Y.

DeSoto Chemical Company, Inc., P. O. Box 206, Arcadia, Fla.
 *C. B. DOLGE CO., WESTPORT, CONN.
 *EDWARD DON & COMPANY, 2201 S. LA SALLE STREET, CHICAGO 16, ILL.
 B. R. Elk & Company, Inc., 193 Palisade Avenue, Garfield, N. J.
 Eljay Products Company, 323 West 16th Street, New York 11, N. Y.
 Fairfield Laboratories, Inc., 417 Cleveland Avenue, Plainfield, N. J.
 Felix Girard Co., Inc., Minneapolis 4, Minn.
 R. Heller & Company, Calumet & 40th Street, Chicago 15, Ill.
 Higley Chemical Company, 717 Iowa Street, Dubuque, Iowa
 *HILLIARD SALES COMPANIES, 402 N. 3RD, ST. JOSEPH 1, MO.
 J. I. Holcomb Mfg. Company, 1601 Barth Avenue, Indianapolis 7, Ind.
 *HUNTINGTON LABORATORIES, 900 E. TIPTON ST. HUNTINGTON, IND.
 Imperial Products Company, 1600 Fountain Street, Philadelphia 21, Pa.
 Paul S. Jones Company, Inc., 147 West 22nd Street, New York 11, N. Y.
 Keno Mfg. Company, 500 Chancellor Avenue, Irvington 11, N. J.
 Samuel Lewis Company, Inc., 73 Barclay Street, New York 7, N. Y.
 *NATHAN STRAUS-DUPARQUET, INC., 33 EAST 17TH ST., NEW YORK 3, N. Y.
 The Tanglefoot Company, 314 Straight Avenue S. W., Grand Rapids 2, Mich.
 Telfo Company, Division Industrial Management Corp., 468 South Spring Street, Los Angeles 13, Calif.
 Tri-Fine Company, 7638 Vincennes Avenue, Chicago 20, Ill.
 U. S. Sanitary Specialties Corp., 1001 S. California Avenue, Chicago 23, Ill.
 West Disinfecting Company, 4216 West Street, Long Island City 1, N. Y.

JANITORS' SUPPLIES

*AMERICAN STANDARD MFG. COMPANY, 2510 GREEN STREET, CHICAGO 16, ILL. (Wet Mops, Dust Mops)
 *BAKER-ROOS, INC., 602 W. MCCARTY ST., INDIANAPOLIS 45, IND. (Scaffolds)
 *BRUSHES CHEMICAL COMPANY, 712 SUPERIOR STREET, TOLEDO 4, OHIO (Swimming Pool & Shower Cleaner)
 Braham Laboratories, Inc., 1200 West 9th Street, Cleveland 13, Ohio (Brooms & Brushes, Ladders)
 Bram Chemical Company, 2107 W. Erie Avenue, Philadelphia 40, Pa. (Floor Brushes, Sanitary Chemicals)
 DeSoto Chemical Company, Inc., P. O. Box 206, Arcadia, Fla.
 *C. B. DOLGE CO., WESTPORT, CONN.
 *EDWARD DON & COMPANY, 2201 S. LA SALLE STREET, CHICAGO 16, ILL.
 B. R. Elk & Company, Inc., 193 Palisade Avenue, Garfield, N. J.
 Eljay Products Company, 323 West 16th Street, New York 11, N. Y.
 Fairfield Laboratories, Inc., 417 Cleveland Avenue, Plainfield, N. J.
 Felix Girard Co., Inc., Minneapolis 4, Minn.
 R. Heller & Company, Calumet & 40th Street, Chicago 15, Ill.
 Higley Chemical Company, 717 Iowa Street, Dubuque, Iowa
 *HILLIARD SALES COMPANIES, 402 N. 3RD, ST. JOSEPH 1, MO.
 J. I. Holcomb Mfg. Company, 1601 Barth Avenue, Indianapolis 7, Ind.
 *HUNTINGTON LABORATORIES, 900 E. TIPTON ST. HUNTINGTON, IND.
 Imperial Products Company, 1600 Fountain Street, Philadelphia 21, Pa.
 Inland Steel Products Company, 4100 W. Burnham, Milwaukee 1, Wisc. (Pick-up Carts, Gardener Tool Rack)
 H. H. Johnson Company, 221 State Street, Boston 3, Mass. (Brooms & Brushes)
 Paul S. Jones Co., 147 W. 22nd St., New York 11, N. Y. (Brooms & Brushes)
 W. E. Kautenberg Company, P. O. Box 519, Freeport, Ill. (Window & Floor Squeegees, Sponge Mops, Mop Sticks)
 Kleasdale Products, Inc., P. O. Box 70, Beloit, Wisc. (Sanitation Chemicals)
 The F. H. Lawson Company, Evans & Whately Streets, Cincinnati 4, Ohio (Ash or Garbage Cans)
 Samuel Lewis Company, Inc., 73 Barclay Street, New York 7, N. Y. (Brooms & Brushes, Ladders, Mops, Soap Powder)
 McDonald & Schum, 100 North St., New York 13, N. Y. (Brooms & Brushes, Ladders)
 Milwaukee Dustless Brush Company, 526 Milwaukee St., Milwaukee, Wisc.
 Multi-Clean Products, Inc., 2277 Ford Parkway, St. Paul 1, Minn. (Brooms & Brushes)
 *NORCOR MANUFACTURING CO., INC., 301 BRIDGE STREET, GREEN BAY, WISC. (Ash & Refuse Cans)
 Palmer Fixture Company, P. O. B. 347, Waukesha, Wisc. (Dust Pans)
 Peaslee Gaubert Corp., 228 North 15th Street, Louisville 6, Ky. (Brooms & Brushes, Ladders)

M. A. Bruder & Sons, Inc., 52nd & Grays Avenue, Philadelphia 42, Pa. (Ladders)
 Buckeye Glide Company, Inc., 131 East 23rd Street, New York 10, N. Y.
 Continental Car-Na-Var Corp., Brazil, Ind. (Brooms & Brushes)
 *DAYTON SAFETY LADDER CO., 2339 GILBERT AVE., CINCINNATI 6, OHIO (Platform Ladders & Ladder Shoes)
 *EDWARD DON & COMPANY, 2201 S. LA SALLE STREET, CHICAGO 16, ILL. (Brooms & Brushes, Ladders)
 The Du-Mil Mfg. Company, Box 111, Geneva, Ohio (Dust Mops)
 A. T. Eavenson & Sons, 1004 Western Saving Fund Bldg., Philadelphia 19, Pa.
 Eljay Products Company, 323 West 16th Street, New York 11, N. Y. (Brooms, Floor Sweeping)
 *FLOUR CITY BRUSH COMPANY, 301 FIFTH AVENUE SO., MINNEAPOLIS 15, MINN. (Brooms & Brushes)
 *FULLER BRUSH CO., INDUSTRIAL DIVISION, FULLER PARK, HARTFORD 2, CONN. (Brooms & Brushes)
 *GEORGE PRINCE WRINGER, INC., P. O. BOX 153, MUSKOGEE, MICH.
 Harper Brush Works, Fairfield, Iowa (Brooms & Brushes)
 Higley Chemical Company, 717 Iowa Street, Dubuque, Iowa
 *HILLIARD SALES COMPANIES, 402 N. 3RD, ST. JOSEPH 1, MO. (Brooms & Brushes, Applicators, Mopping outfit)
 J. I. Holcomb Mfg. Company, 1601 Barth Avenue, Indianapolis 7, Ind. (Brooms & Brushes, Floor Sweepers, Dusters, Mops, Pails & Scrubbers)
 *HUNTINGTON LABORATORIES, INC., 900 EAST TIPTON STREET, HUNTINGTON, IND. (Maintenance Materials)
 Imperial Products Company, 1600 Fountain Street, Philadelphia 21, Pa.
 Inland Steel Products Company, 4100 W. Burnham, Milwaukee 1, Wisc. (Pick-up Carts, Gardener Tool Rack)
 H. H. Johnson Company, 221 State Street, Boston 3, Mass. (Brooms & Brushes)
 Paul S. Jones Co., 147 W. 22nd St., New York 11, N. Y. (Brooms & Brushes)
 W. E. Kautenberg Company, P. O. Box 519, Freeport, Ill. (Window & Floor Squeegees, Sponge Mops, Mop Sticks)
 Kleasdale Products, Inc., P. O. Box 70, Beloit, Wisc. (Sanitation Chemicals)
 The F. H. Lawson Company, Evans & Whately Streets, Cincinnati 4, Ohio (Ash or Garbage Cans)
 Samuel Lewis Company, Inc., 73 Barclay Street, New York 7, N. Y. (Brooms & Brushes, Ladders, Mops, Soap Powder)
 McDonald & Schum, 100 North St., New York 13, N. Y. (Brooms & Brushes, Ladders)
 Milwaukee Dustless Brush Company, 526 Milwaukee St., Milwaukee, Wisc.
 Multi-Clean Products, Inc., 2277 Ford Parkway, St. Paul 1, Minn. (Brooms & Brushes)
 *NORCOR MANUFACTURING CO., INC., 301 BRIDGE STREET, GREEN BAY, WISC. (Ash & Refuse Cans)
 Palmer Fixture Company, P. O. B. 347, Waukesha, Wisc. (Dust Pans)
 Peaslee Gaubert Corp., 228 North 15th Street, Louisville 6, Ky. (Brooms & Brushes, Ladders)

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 Reym Plastic Products Co., 1535 East 3rd St., Chicago 15, Ill. (Metal Protector)
 Rochester Germicide Company, 111 Hollenbeck Street, Rochester 21, N. Y.
 Saspin Chemicals, Inc., 119 W. Hubbard St., Chicago 10, Ill. (Brooms & Brushes)
 Seamless Products Company, Inc., 311 West 96th Street, New York 23, N. Y. (Ash & Garbage Cans)
 The Selig Company, 342 Marietta St., N. W. Atlanta 1, Ga. (Brooms & Brushes)
 John Sexton & Company, 500 N. Orleans St., Chicago 90, Ill. (Brooms & Brushes)
 Southern Chemical Co., 1565 Hansford Street, (P. O. Box 1189), Charleston 24, W. Va. (Brooms & Brushes, Ladders)
 The Southwestern Broom Mfg. Co., 501 N. 9th Ave., Evansville 12, Ind. (Brooms)
 Stow Manufacturing Company, 51 Shear Street, Binghamton, N. Y. (Closet Brushes, Drain Cleaners, Mechanical)
 Straubel Paper Company, Green Bay, Wisc. (Dusting Tissue)

★NATHAN STRAUS-DUPARQUET, INC. 23 EAST 17TH STREET, NEW YORK 3, N. Y. (Brooms & Brushes, Ladders)
 Tefco Company, Division Industrial Management Corp., 468 South Spring Street, Los Angeles 1, Calif.
 G. H. Tennant Company, 2530 N. Second Street, Minneapolis 11, Minn. (Standard Cotton Mops, T-type Mops)
 ★UP-RIGHT SCAFFOLDS, 1013 PARDEE STREET, BERKELEY, CALIF. (Mobile Tower Scaffolds)

Wescon Houseware Products Company, 323 N. Michigan Avenue, Chicago 1, Ill. (Rug-Hug to prevent slipping of rugs)

KINDERGARTEN SUPPLIES & EQUIPMENT

★AMERICAN CRAYON COMPANY, 1708 HAYES AVENUE, SANDUSKY, OHIO
 ★BECKLEY-CARDY COMPANY, 1632 INDIANA AVENUE, CHICAGO 16, ILL.
 Milton Bradley Company, 74 Park Street, Springfield 2, Mass.
 Celco Corporation, 1631 Tenth Street, Santa Monica, Calif.
 The Chatfield-Clarke Company, 1639 Tenth Street, Santa Monica, Calif.
 J. L. Hammett Company, Kendall Square, Cambridge 42, Mass.
 Heywood-Wakefield Co., N. State St., Menominee, Mich., also Gardner, Mass.
 National Chair Company, 412 N. Fourth Street, St. Louis 2, Mo.
 Potomac Engineering Corporation, 664 N. Michigan Avenue, Chicago 11, Ill.
 Thonet Industries, Inc., One Park Avenue, New York 16, N. Y.

LABORATORY EQUIPMENT & FURNITURE

★BECKLEY-CARDY COMPANY, 1632 INDIANA AVENUE, CHICAGO 16, ILL.
 The Electric Hotpack Company, Inc., 5055 Cottman Avenue, Philadelphia 35, Pa.
 Engineering Industries, Inc., Company, 619 A. No. Commerce St., Sheboygan, Wisc.
 Hamilton Manufacturing Company, Two Rivers, Wisc.
 Heywood-Wakefield Co., N. State St., Menominee, Mich., also Gardner, Mass. (Furniture only)
 Keweenaw Mfg. Co., Adrian, Mich.
 Laboratory Furniture, 37-18 Northern Blvd., Long Island City, N. Y.
 ★MERRILL LEE COMPANY, 3049 EAST GRAND BLVD., DETROIT 10, MICH.
 National Sports Equipment Co., 360-370 N. Marquette Street, Fond du Lac, Wisc.
 Oplem Company, Inc., 352 Fourth Avenue, New York 10, N. Y.
 National Chair Company, 412 North 4th Street, St. Louis 2, Mo.
 Republic Steel Corp., Berger Mfg. Div., 1038 Belden Ave., N. E. Canton 5, Ohio
 John E. Slossom, 1711-19 N. Tenth Street, Philadelphia, Pa.
 Sound Scriber Corp., 148 Munson Street, New Haven, Conn.
 Southern Cross Mfg. Corp., 1025 Connecticut Avenue, Washington 6, D. C.
 Thonet Industries, Inc., One Park Avenue, New York 16, N. Y. (Furniture only)
 U. S. Stoneware Company, P. O. Box 330, Akron 9, Ohio
 The John Van Range Company, Division of the Edwards Mfg. Co., 311 Eggleston Ave., Cincinnati 2, Ohio (Table Tops)
 W. M. Welch Manufacturing Company, 1515 Sedgwick Street, Chicago 10, Ill.

LANGUAGE AIDS

Denoyer-Geppert Company, 5236 Ravenswood Avenue, Chicago 40, Ill.

EDUCATIONAL SERVICES, RCA VICTOR DIVISION, CAMDEN, N. J.

Science Research Corporation, 226 South Washburn Avenue, Chicago 4, Ill.

Sound Scriber Corp., 148 Munson Street, New Haven, Conn.

LANTERN SLIDES

★AMPRO CORPORATION, 2835 N. WESTERN AVENUE, CHICAGO 18, ILL.

Denoyer-Geppert Company, 5236 Ravenswood Avenue, Chicago 40, Ill.

Eastman Kodak Company, 343 State Street, Rochester 4, N. Y.

Keynote View Company, Meadville, Pa.

Klenzade Products, Inc., P. O. Box 70, Beloit, Wisc.

McCall's, 112 West 48th Street, New York 18, N. Y.

W. M. Welch Manufacturing Company, 1515 Sedgwick Street, Chicago 10, Ill.

LAUNDRY EQUIPMENT & SUPPLIES

Allied Chemical & Dye Corp., Solvay Sales Div., 40 Rector St., New York 6, N. Y.

Chicago Sanitary Products Company, 3109 Colgate Street, Jersey City 2, N. J.

Colgate-Palmolive-Peet Company, 105 Hudson Street, Jersey City 2, N. J.

★FRIGIDAIRE DIVISION, GENERAL MOTORS CORP., 300 TAYLOR STREET, DAYTON 1, OHIO

Gilliam Soap Works, 200 N. E. 21st, Ft. Worth, Tex.

The Hoover Company, North Canton, Ohio

Kemiko Manufacturing Company, 509 Chancellor Avenue, Irvington 11, N. Y.

★MINNAPOLIS HONEYWELL REGU-LATOR COMPANY, 2745 FOURTH AVENUE, SO., MINNEAPOLIS 6, MINN.

National Pressure Cooker Company, Eau Claire, Wisc.

Paasche Airbrush Company, 1909 Diversity Parkway, Chicago 14, Ill.

Proctor & Gamble, Cincinnati 1, Ohio

Southern Chemical Co., 1565 Hansford St. (P. O. Box 1189), Charleston 24, W. Va.

Westinghouse Electric Corporation, 246 E. Fourth Street, Mansfield, Ohio

Wyandotte Chemicals Corporation, Wyandotte, Mich. (Supplies only)

LAWN MOWERS

★JAMES CUNNINGHAM SON & CO., 13 CANAL STREET, ROCHESTER, N. Y.

Flink Company, 502 N. Vermilion Street, Streator, Ill.

Moto Mower Company, 4600 Woodward Avenue, Detroit 1, Mich.

★REO MOTOR COMPANY, 1331 S. WASHINGTON AVENUE, LANSING 20, MICH.

Roseman Mower Corporation, 2620 Crawford, Evanston 11, Ill.

Toro Manufacturing Corporation, 3042 Snelling Avenue, Minneapolis 6, Minn.

LIBRARY FURNITURE & SUPPLIES

★BECKLEY-CARDY COMPANY, 1632 INDIANA AVENUE, CHICAGO 16, ILL.

Proctor & Gamble, Cincinnati 1, Ohio (Plastic Drapes)

★THE COLUMBUS SHOW CASE COMPANY, 850 W. FIFTH AVENUE, COLLEGE PARK, OHIO (Cupboard Cases)

Gaylord Bros., Inc., 155 Gifford Street, Syracuse, N. Y.

Haywood-Wakefield Co., N. State St., Menominee, Mich., also Gardner, Mass.

Henderson Siding Company, 100 Lexington Avenue, New York 17, N. Y.

Irwin Seating Co., 1480 Buchanan, S. W., Grand Rapids, Mich. (Furniture only)

National Chair Company, 412 North 4th Street, St. Louis 2, Mo.

Potomac Engineering Corporation, 664 N. Michigan Avenue, Chicago 11, Ill.

Royal Metal Manufacturing Company, 175 Michigan Avenue, Chicago 1, Ill.

Thonet Industries, Inc., One Park Avenue, New York 16, N. Y. (Furniture only)

LIGHTING EQUIPMENT & SUPPLIES

★AMERICAN PRODUCTS COMPANY, 2287 HOLLERS AVENUE, NEW YORK 68, N. Y.

Calco Radio Corporation, 901 W. Jackson Blvd., Chicago 7, Ill.

Curtis Lighting, Inc., 6135 West 65th Street, Chicago 38, Ill.

★DAY-BRITE LIGHTING, INC. 5411 BULWER AVENUE, ST. LOUIS 7, MO.

Dazor Manufacturing Corp., 4481-87 Duncan Avenue, St. Louis 10, Mo.

The Frink Corporation, 27-01 Bridge Plaza North, Long Island City 1, N. Y.

★GENERAL ELECTRIC COMPANY, 1 RIVER ROAD, SCHENECTADY 5, N. Y.

The Edwin F. Guth Company, 2815 Washington Avenue, St. Louis 3, Mo.

Hughes Company, Inc., 212 Madison Avenue, New York 17, N. Y.

Kiegl Bros. Univ. Electric Stage Lighting Co., 321 West 50th St., New York 19, N. Y.

Peaslee Gaubert Corporation, 226 Broadway, New York 13, N. Y.

Pittsburgh Reflector Company, 467 Oliver Street, Pittsburgh 22, Pa.

Rosco Laboratories, 367 Hudson Avenue, Brooklyn 1, N. Y.

Sylvania Electric Products, Inc., 1740 Broadway, New York 19, N. Y.

★THE F. W. WAKEFIELD BRASS COMPANY, VERMILION, OHIO

Corbin Cabinet Lock Division, Park & Orchard Street, New Britain, Conn.

★BUDLEY LOCK CORP., 570 W. MONROE ST., CHICAGO 6, ILL. (Lockers)

★MASTER LOCK COMPANY, 2600 N. 32nd STREET, MILWAUKEE 10, WISC.

★NATIONAL LOCK COMPANY, 1902 SEVENTH STREET, ROCKFORD, ILL.

Norwalk Lock Company, Segal Lock & Hardware Company, Inc., 336 Broadway, New York 13, N. Y.

Peaslee Gaubert Corporation, 226 Broadway, New York 13, N. Y.

Replish Steel Corporation, Berger Manufacturing Division, 1038 Belden Avenue, N. E. Canton 5, Ohio

Sargent & Company, 45 Water Street, New Haven 5, Conn.

Vonnegut Hardware Co., Von Duprin Div., 402 W. Maryland St., Indianapolis 4, Ind.

LOCKERS

Aurora Steel Products Co., Aurora, Ill.

★BECKLEY-CARDY COMPANY, 1632 INDIANA AVENUE, CHICAGO 16, ILL.

Lyon Metal Products, Inc., 3000 Montgomery Street, Aurora, Ill.

MacDonald & Gehm, Inc., 100 Worth Street, New York 13, N. Y.

Fred Medart Products, Inc., 3535 DeKalb St., St. Louis 18, Mo.

Replish Steel Corporation, Berger Manufacturing Division, 1038 Belden Avenue, N. E. Canton 5, Ohio

Standard Steel Equipment Company, Inc., 1000 E. Polk St., St. Louis 8, Mo.

MAINTENANCE SUPPLIES & EQUIPMENT

Allied Chemical & Dye Corporation, General Chemical Division, 40 Rector Street, New York 6, N. Y. (Laboratory Reagents, Deodorants)

Allied Chemical & Dye Corp., Solvay Sales Div., 40 Rector St., New York 6, N. Y. (Cleaning Compounds, Deodorants)

Armstrong Cork Company, Lancaster, Pa. (Cleaning Compounds)

Arwell, Inc., 1119 Glenrock Avenue, Waukegan, Ill. (Deodorants)

★SUPERIOR ST. TOLEDO 4, O. (Swimming Pool & Shower Room Cleaners)

Braham Laboratories, Inc., 1200 West 9th Street, Cleveland 13, Ohio (Cleaning Compounds, Deodorants)

Bram Chemical Company, 2107 W. Erie Avenue, Philadelphia 40, Pa. (Cleaning Compounds, Deodorants, Floor Seals & Waxes, Gymnasium Seals)

Bridgeport Brass Company, 30 Grand Street, Bridgeport 2, Conn. (Deodorants)

Brillo Manufacturing Company, Inc., 60 John Street, Brooklyn 1, N. Y. (Floor Machines, Steel Wool Polishing Pad, Steel Wool, Le Roll & Pad)

Chicago Sanitary Products Company, 3109 Colgate Street, Jersey City 2, N. J. (Cleaning Compounds, Deodorants)

Colgate-Palmolive-Peet Company, 105 Hudson Street, Jersey City 2, N. J. (Cleaning Compounds, Deodorants)

Continental Can Co., 200 E. Vienna Ave., Milwaukee 1, Wisc. (Machine Tools)

★C. B. DOLGE CO., WESTPORT, CONN. (Cleaning Compounds, Deodorants)

★EDWARD DON & COMPANY, 2201 S. LA SALLE STREET, CHICAGO 16, ILL. (Cleaning Compounds, Deodorants)

A. T. Emerson & Sons, 1084 Western Savings Fund Building, Philadelphia, Pa. (Cleaning Compounds, Deodorants)

B. R. Elk & Company, Inc., 138 Palisade Street, Garfield, N. J. (Cleaning Compounds, Deodorants)

Elkay Products Company, 323 West 16th Street, New York 11, N. Y. (Cleaning Compounds, Deodorants)

Empire Chemical Products Company, 10 Longwood Street, Newark 2, N. J. (Cleaning Compounds, Deodorants)

Federal Flooring Corporation, 82 West Dedham Street, Boston 18, Mass.

Flintkote Co., 1222 McKinley Ave., Chicago 10, Ill. (Cleaning Compounds, Deodorants)

Franklin Research Distrib., Inc., 2020 Market Street, Denver 2, Colo. and 5134 Franklin Street, Philadelphia, Pa. (Cleaning Compounds, Deodorants)

★GEORGE WRINGER, INC. MUSKOGEE, MICH. (Mop Sticks, Mop Stick, Mop Sticks, Mopping Tanks, Mop Wringer)

B. Heller & Company, Calumet & 40th Street, Chicago 15, Ill. (Cleaning Compounds, Deodorants)

Heater Chemical Co., Inc., 332 Canal St., New York 13, N. Y. (Cleaning Compounds, Toilet Bowl, Drain Pipe, Tile & Floor Cleaners, Floor Cleaners)

Hild Farm Machine Company, 740 West Washington Blvd., Chicago 6, Illinois (Floor Scrubbing & Polishing Machines)

Holco Chemical Company, 717 Iowa Street, Dubuque, Iowa (Cleaning Compounds, Deodorants)

★HOLLARD SALES COMPANIES, 402 NO. 3RD ST. JOSEPH 1, MO. (Cleaning Compounds, Deodorants, Removers)

J. I. Holcomb Mfg. Co., 1601 Barth Ave., New York 17, N. Y. (Cleaning Compounds, Walls, Windows, Floors, Deodorants)

A. C. Horn Company, Inc., Tenth St. & 44th Street, Long Island City 1, N. Y. (Cleaning Compounds)

★HUNTINGTON LABORATORIES, 900 EAST VICTORY ST., HUNTINGTON, IND. (Deodorants, Cleaning Compounds)

Imperial Products Company, 1600 Fountain Street, Philadelphia 21, Pa. (Cleaning Compounds, Deodorants)

International Metal Polish Company, 1910 Quill Street, Indianapolis 7, Ind. (Cleaning Compounds)

Paul S. Jones Co., Inc., 147 West 22nd Street, New York 11, N. Y. (Cleaning Compounds, Deodorants)

Kemiko Chemical Company, 500 Chancellor Avenue, Irvington 11, N. J. (Cleaning Compounds, Deodorants)

Klenzade Products, P. O. Box 70, Beloit, Wisc. (Cleaning Compounds, Deodorants)

Lake Chemical Co., 3052 W. Carroll Ave., Chicago 12, Ill. (Pipe Joint Compound, Soldering Flux, Repair Cement)

Lehigh Leasing Co., 101 Park Ave., New York 17, N. Y. (Cleaning Compounds)

Samuel Lewis Co., 73 Barclay St., New York 13, N. Y. (Cleaning Compounds, Deodorants, Scrub Soap)

Midland Laboratories, 210 Jones Street, Dubuque, Iowa (Cleaning Compounds, Deodorants, Scrub Soap)

Murphy Clean Products, Inc., 2277 Ford Parkway, St. Paul 1, Minn. (Cleaning Compounds)

Murphy-Phoenix Co., 8505 Cassius Ave., Cleveland 5, Ohio (Cleaning Compounds)

★NATIONAL LOCK COMPANY, 1902 SEVENTH STREET, ROCKFORD, ILL. (Locks, Built-in Combination, Locks and Laboratory Locks)

Norwalk Lock Company, Segal Lock & Hardware Co., Inc., 336 Broadway, New York 13, N. Y. (Key Duplicating Machines, Door Closers)

Nutting Truck and Caster Company, 1125 Ohio Division Street, Fairbault, Minn. (Janitor's Trucks, Refuse Trucks)

Okite Products, Inc., 22 Thames Street, New York 6, N. Y. (Cleaning Compounds, Deodorants)

Palmer Fixture Company, P. O. Box 347, Waukegan, Wisc. (Roll Toilet Tissue Dispensers, Roll Towel Dispensers)

★PAUL S. JONES CO., INC., 147 WEST 22ND STREET, NEW YORK 11, N. Y. (Steel or Aluminum Rolling Scaffolds)

Pavloleum, Inc., 342 Madison Avenue, New York 17, N. Y. (Plastic Coating)

Peaslee Gaubert Corp., 226 Broadway, New York 13, N. Y. (Cleaning Compounds, Deodorants)

The Penetone Company, 714 Hudson Avenue, Tenafly, N. J. (Cleaning Compounds—Floor & Paint)

Pennsylvania Salt Mfg. Company, 1000 Widener Building, Philadelphia 7, Pa. (Cleaning Compounds)

★ALBERT PICK COMPANY, INC. 2129 PERSHING ROAD, CHICAGO 9, ILL. (Cleaning Compounds, Deodorants)

Pittsburgh Plate Glass Company, Columbia Chemical Division, Fifth Avenue at Bellefield, Pittsburgh 13, Pa. (Cleaning Compounds)

Pro-Tex-All Company, Inc., 104 N. W. First Street, Evansville 12, Ind. (Cleaning Compounds, Deodorants)

The Pyrol Company, 815 Jersey Street, Quincy, Ill. (Cleaning Compounds)

Quaker Maintenance Company, Inc., 124 West 18th Street, New York 11, N. Y. (Wall Cleaning Machines)

Reissner Chemical Company, 4515 12th Avenue, Brooklyn 19, N. Y. (Deodorants)

Thos. B. Robertson Products Co., Inc., 700-704 W. Division Street, Chicago 10, Ill. (Cleaning Compounds, Deodorants, Toilet Cleaners, Urinal Cleaners)

Rochester Germicide Company, 333 Hollenbeck Street, Rochester 21, N. Y.

Safety Steel Products, Inc., 622 W. State Street, Milwaukee 3, Wisc. (Work Towers—Stationary; Rolling; Hydraulic and Electric, Hydraulic Lift, Suspended Scaffolds)

Saspin Chemicals, Inc., 113 W. Hubbard St., Chicago 10, Ill. (Cleaning Compounds)

The Savgran Co., Inc., Huntington Ave., Boston 16, Mass. (Cleaning Compounds, Soap Powder, Scouring Powder, Synthetic Soap Powder, Floor Cleaner, Wax Remover, Paint and Varnish Remover)

The Selig Company, 342 Marietta St., N. W. Atlanta 1, Ga. (Cleaning Compounds, Deodorants)

John Sexton & Company, 500 N. Orleans Street, Chicago 90, Ill. (Cleaning Compounds, Deodorants)

★KILLSAW, INC., 333 ELSTON AVE., CHICAGO 30, ILL. (Portable Electric Tools, Belt Sanders, Drills, Saws)

L. Sonneborn Sons, Inc., Whitecliff Avenue, 90 Eighth Street, New York 13, N. Y. (Cleaning Compounds, Deodorants)

Southern Chemical Co., 1565 Hansford St., P. O. Box 1189, Charleston 24, W. Va. (Cleaning Compounds, Deodorants)

Speco, Inc., 7308 Associate Ave., Cleveland 9, Ohio (Cleaning Compounds, Deodorants)

Stamintine Corp., 109 Water St., New Haven 11, Conn. (Cleaning Compounds)

★NATHAN STRAUS-DUPARQUET, INC. 23 EAST 17TH STREET, NEW YORK 3, N. Y. (Cleaning Compounds, Deodorants)

★STRUCTURAL WATERPROOFING, CHICAGO 1, ILL.

G. H. Tennant Company, 2530 North Street, Eighth St., Minneapolis 11, Minn. (Power Sweepers for Playgrounds, Gyms, etc.)

Tru-Fine Company, 7633 Vincennes Avenue, Chicago 16, Ill. (Cleaning Compounds, Deodorants)

U. S. Sanitary Specialties Corp., 1001 So. California Avenue, Los Angeles 1, Ill. (Cleaning Compounds, Deodorants)

Vestal, Inc., 4963 Manchester, St. Louis 10, Mo. (Cleaning Compounds, Deodorants, Gaskets)

The Wagner Awning & Mfg. Company, 2658 Scranton Road, Cleveland 1, Ohio (Drop Cloths)

The Weiss & Klau Company, 462 Broadway, New York 13, N. Y. (Table and Shelf Oilcloth)

Wescon Hardware Products Co., 333 North Michigan Ave., Chicago 1, Ill. (Plastic Linoleum for Linoleum and Asphalt Tile Floor)

West Disinfecting Company, 4216 West Street, Long Island City 1, N. Y. (Cleaning Compounds, Deodorants)

Western Waterproofing Company, Inc., 82 West Dedham Street, Boston 18, Mass. (Exterior Window Caulking)

Wyandotte Chemicals Corp., Wyandotte, Mich. (Cleaning Compounds, Deodorants)

MAPS AND ATLASES

★BECKLEY-CARDY COMPANY, 1632 INDIANA AVENUE, CHICAGO 16, ILL.

★BRITISH INFORMATION SERVICES, 30 ROCKEFELLER PLAZA, NEW YORK 20, N. Y. (Maps only)

George F. Cram Company, 730 E. Washington, Indianapolis 4, Ind.

Denoyer-Geppert Company, 5236 Ravenswood Ave., Chicago 40, Ill. (also Globes)

J. L. Hammett Company, Kendall Square, Cambridge 42, Mass.

Hearne Brothers, National Bank Bldg., Detroit 25, Mich.

Koffler Sales Corporation, 3757 No. Racine Avenue, Chicago 13, Ill.
 Samuel Lewis Co., Inc., 73 Barclay Street, New York 4, N. Y.
 Melflex Products, 415 Wheeler Lane, Akron 8, Ohio
 Rosco Laboratories, 367 Hudson Avenue, Brooklyn 1, N. Y.

MEDALS & TROPHIES

*THE COLUMBUS SHOW CASE COMPANY, 450 W. FIFTH AVENUE, COLUMBUS 8, OHIO (Trophy Case)
 *INTERNATIONAL BRONZE TABLET CO., INC., 150-154 WEST 22ND STREET, NEW YORK 11, N. Y.
 Reed & Company, 373 4th Avenue, New York, N. Y.
 United States Bronze Sign Co., Inc., 570 Broadway, New York 12, N. Y.

MEDICAL SUPPLIES

B. R. Elk & Co., Inc., 193 Palisade Avenue, Garfield, N. J.
 Hanovia Chemical & Mfg. Company, 100 Chestnut Street, Newark 5, N. J. (Ultraviolet Equipment)
 *SONOTONE CORP., ELMSTON, N. Y. (Audiometers, Hearing Aids)
 *ULTRA VIOLET RADIATION CO., 1220 N. FIRST ST., ST. LOUIS 6, MO.

METALWORKING MACHINERY

Atlas Press Company, Kalamazoo, Michigan
 Boice-Crane Company, 920 W. Central Avenue, Toledo 6, Ohio
 Delta-Power Tool Division, Rockwell Manufacturing Company, 600 E. Vienna Avenue, Milwaukee 1, Wis.
 William Dixon Company, 42-22 East Kinney Street, Newark 1, N. J.
 The Electric Hotpot Co., Inc., 5055 Cottman Avenue, Philadelphia 25, Pa.
 Fore on Electric Company, 27 Park Place, New York 7, N. Y.
 South Bend Lathe Works, 425 E. Madison Ave., South Bend 2, Ind.
 Stow Manufacturing Company, 51 Shear Street, Binghamton, N. Y.

MUSICAL INSTRUMENTS

Baldwin Piano Company, 1801 Gilbert Ave., Cincinnati 2, Ohio
 *CONSONANT, DIV. C. G. CONN LTD., ELKHART, INDIANA
 Gulbransen Company, 816 N. Kedzie Ave., Chicago 51, Ill.
 Lowery Organ Division, Central Commercial Industries, Inc., 332 S. Michigan Ave., Chicago 4, Ill.
 Magnus Harmonica Corporation, 439-451 Frelinghuysen Avenue, Newark 9, N. J.
 Manhasset Specialty Co., 724 Franklin Ave., Yonkers, New York
 Mayers Musical Exchange Company, 451 Michigan Ave., Detroit 26, Michigan
 *PAN-AMERICAN BAND INSTRUMENTS, 1105 E. BEARDSLEY AVENUE, ELKHART, INDIANA

OFFICE SUPPLIES

*AMERICAN STANDARD MFG. COMPANY, 2510 S. GREEN STREET, CHICAGO 11, Ill. (Mops, Floor)
 *BURROUGHS ADDING MACHINE COMPANY, 6071 SECOND AVENUE, DETROIT 32, MICH. (Carbon Paper, Roll Paper, Rubbers, Flat Resters)
 *CASCADE PAPER COMPANY, BOX 313, NORTH ADAMS, MASS. (School Paper-Mimeograph and Duplicator)
 Clappay Corporation, 1000 Broadway, Cincinnati 14, Ohio (Plastic Drapes)
 Crescent Products Co., 315 North Fourteenth St., Terre Haute, Ind. (Mucilage)
 C-Thru-Ruler Company, 327 Windsor Street, Hartford, Conn. (Rulers)
 Davidson Manufacturing Corp., 1020 W. Adams St., Chicago 22, Ill. (Folding Machines)
 A. R. Dick Company, 5700 West Touhy Avenue, Chicago 31, Ill. (Complete line of Duplicators and Supplies)
 *THE DU-ALL MFG. COMPANY, 111 Geneva, Ohio (Dusting Mops)
 *EERHARDT FABER PENCIL CO., 37 GREENPOINT AVE., BROOKLYN 22, NEW YORK (Erasers, Rubber Bands)
 General Binding Corp., 812 W. Belmont Avenue, Chicago 14, Illinois (Portable Bookbinding Machines, Plastic Binding)
 *M. GRUMBACHER, INC., 460 WEST 34TH STREET, NEW YORK 1, N. Y. (Rubber Cement)
 The Heyer Corporation, 1850 South Kostner Avenue, Chicago 25, Illinois (Complete line of Duplicators and Supplies)
 *HOFF METALCRAFT, 234 S. 4TH ST., MINNEAPOLIS 1, MINN. (Rubber Stamps Corporate and Notary Seal Presses)
 *HULL SIGN COMPANY, WEST WINDFIELD 1, N. Y. (Door and Desk Signs)
 F. H. Lawson Co., Evans and Whately Sts., Cincinnati 4, Ohio (Smoking Stands)
 Minnesota Mining & Manufacturing Co., 900 Paquiere Avenue, Paul 8, Minn. (Cellophane Tape, Tape Desk Dispensers, Plastic Hand Dispensers)
 National Cash Register Company, Main & K Streets, Dayton 9, Ohio
 National Chair Company, 412 North Fourth Street, St. Louis 2, Mo.
 The Rak Makers, P. O. Box 1616, New London, Conn. (Magazine Racks)
 Remington Rand, Inc., 315 Fourth Avenue, New York 10, N. Y.
 Royam Plastic Products Co., 1525 E. 53rd Street, Chicago 16, Illinois (Fonholder-Shoulder Type)
 Royal Typewriter Company, Inc., 2 Park Avenue, New York 16, N. Y. (Typewriter Ribbons and Carbons, Type Cleaner, Duplicator, Stamps, Stencils, Brushes)
 Scripps Products Co., Inc., 515 S. Second Street, Philadelphia 47, Pa. (Writing Inks, Stamp Pad Inks, Ink Eradicators, Mucilage)
 Scripto, Inc., 423 Houston St., N. E. Atlanta 2, Ga. (Pencils, Leads, Erasers)
 Straubel Paper Company, Green Bay, Wis. (Dusting Tissue)

Sunroc Company, Glen Riddle, Pa. (Electric Water Coolers, Water Filters)
 Visirecord, Inc., 32-36 47th Avenue, Long Island City 1, New York (Visible Record Keypunch Equipment)
 Weeson Houseware Products Co., 333 North Michigan Ave., Chicago 1, Ill. (Plastic Spray for Fixtures, Nicknacks, etc.)

PAINTS & VARNISHES

Alled Chemical & Dye Corp., The Barrett Div., 40 Rector St., New York 6, N. Y.
 Aluminacryl Industries, Inc., 2338 Beckman Street, Cincinnati 25, Ohio
 The Arco Company, 7301 Beesemer Avenue, Cleveland 23, Ohio
 Braham Laboratories, Inc., 1200 West 9th Street, Cleveland 13, Ohio
 M. A. Bruder & Sons, Inc., 52nd & Grays Avenue, Philadelphia 43, Penna.
 Calbar Paint & Varnish Co., 2612-26 N. Martha Street, Philadelphia 25, Penna.
 Continental Car-Na-Var Corp., Brazil, Ind.
 Devoe & Reynolds Co., Inc., 787 First Avenue, New York 17, N. Y.
 The Eagle-Picher Company, American Building, Cincinnati 1, Ohio
 A. T. Eavenson & Sons, 1004 Western Saving Fund Bldg., Philadelphia 34, Penna.
 *EERHARDT FABER PENCIL CO., 37 CORNHILL, BOSTON 8, MASS.
 Enterprise Paint Mfg. Company, 2341 S. Ashland Avenue, Chicago 8, Illinois
 Federal Varnish Div., Ashland Ave. & 29th Street, Chicago 8, Illinois
 The Glidden Company, 11001 Madison Avenue, Cleveland 10, Ohio
 *HILLYARD SALES COMPANIES, 402 N. 30 3RD ST. JOSEPH 1, MO.
 A. Horn Company, 2001 Tenth St. & 4th Avenue, Long Island City 1, N. Y.
 *HUNTINGTON LABORATORIES, 900 E. TIPTON ST., HUNTINGTON, IND.
 *INERTOL COMPANY, 480 PRELINGHUYSEN AVENUE, NEWARK, N. J.
 Kemiko Mfg. Company, 500 Chancellor Avenue, Irvington 11, New York
 John W. Masury & Son, Inc., 1700 Bayard Street, Baltimore 30, Md.
 Midland Laboratories, 210 Jones Street, Dubuque, Iowa
 National Lead Company, 111 Broadway, New York 6, N. Y.
 The Paraffin Companies, Inc., 475 Brannan Street, San Francisco 19, Calif.
 Pavoloneum, Inc., 342 Madison Avenue, New York 17, N. Y.
 The Sargent Company, 25 West 45th Street, New York 19, N. Y.
 Pratt & Lambert, Inc., 75 Tonawanda Street, Buffalo 7, New York
 The Selig Company, 342 Marietta St., N. W. Atlanta 1, Ga.
 Severe Co., Inc., 100 West 42nd Street, New York 18, N. Y.
 Sherwin Williams Co., 101 Prospect Ave., N. W. Cleveland, Ohio
 Southern Chemical Co., 1565 Hanford St., P. O. Box 1193, Charleston 24, W. Va.
 Speco, Inc., 7308 Associate Avenue, Cleveland 8, Ohio
 Stacoat Paint & Varnish Company, 1821 Daly Street, Los Angeles 31, Calif.
 The Staminite Corporation, 109 Water Street, New Haven 2, Conn.
 Tamm Industries, Inc., 228 N. La Salle Street, Chicago 1, Illinois
 United Laboratories, 16801 Euclid Avenue, Cleveland 12, Ohio
 United States Gypsum Co., 300 W. Adams St., Chicago 6, Ill.
 U. Stone Company, P. O. Box 350, Akron 9, Ohio
 Valdura Division, American-Marietta Co., 43 East Ohio Street, Chicago 11, Ill.
 Vita-Var Corporation, 1180 Raymond Blvd., Newark, N. J.
 Watson-Standard Co., 225 Galveston Ave., Pittsburgh 30, Pa.
 Weson Houseware Products Company, 333 North Michigan Avenue, Chicago 1, Ill.

PAINTING EQUIPMENT

*AMERICAN PRODUCTS COMPANY, 2287 HOLLERS AVE., NEW YORK 66, N. Y.
 M. S. Snyder & Sons, 52nd & Grays Avenue, Philadelphia 43, Penna.
 Devoe and Reynolds Co., Inc., 787 First Avenue, New York 17, N. Y.
 Paints and Airbrush Company, 1909 Diversey Parkway, Chicago 14, Illinois
 Watson-Standard Co., 225 Galveston Ave., Pittsburgh 30, Pa.

PAPER FOOD SERVICE ITEMS

*CASCADE PAPER COMPANY, BOX 313, NORTH ADAMS, MASS.
 *EDWARD DON & COMPANY, 2201 S. LA SALLE STREET, CHICAGO 16, ILL.
 A. T. Eavenson & Sons, 1004 Western Saving Fund Bldg., Philadelphia 34, Penna.
 Paul S. Jones Co., Inc., 147 West 22nd Street, New York 11, N. Y.
 *KEYES FIRE COMPANY, 420 LEXINGTON AVE., NEW YORK 17, N. Y.
 MacDonald & Gehm, Inc., 100 North Street, New York 13, N. Y.
 John Sexton & Company, 500 N. Orleans Street, Chicago 9, Ill.
 Southern Chemical Co., 1565 Hanford St., P. O. Box 1193, Charleston 24, W. Va.

PAPER TOWELS & TOILET TISSUE

Ray West Paper Company, 345 S. Pearl Street, Green Bay, Wis.
 Braham Laboratories, Inc., 1200 West 9th Street, Cleveland 13, Ohio
 *CASCADE PAPER COMPANY, BOX 313, NORTH ADAMS, MASS.
 Chicago Sanitary Products Company, 3100 South Throop Street, Chicago 8, Illinois
 *EDWARD DON & COMPANY, 2201 S. LA SALLE STREET, CHICAGO 16, ILL.
 Paul S. Jones Co., Inc., 147 West 22nd Street, New York 11, N. Y.
 Samuel Lewis Co., Inc., 73 Barclay Street, New York 10, N. Y.
 MacDonald & Gehm, Inc., 100 North Street, New York 13, N. Y.
 *KAYE PAPER CO., INC., 2159 Pershing ROAD, CHICAGO 8, ILL.

Pro-Tex-All Company, Inc., 104 N. W. First Street, Evansville 8, Ind.
 John Sexton & Company, 500 N. Orleans Street, Chicago 30, Ill.
 Southern Chemical Co., 1565 Hanford St., P. O. Box 1193, Charleston 24, W. Va.
 Straubel Paper Co., Green Bay, Wis.
 *NATHAN STRAUSS DUBAQUET, INC., 33 EAST 17TH ST., NEW YORK 3, N. Y.
 West Disinfecting Company, 4216 West Street, Long Island City 1, New York

PASTE

Arabul Mfg. Company, 110 East 42nd Street, New York 17, N. Y.
 *BINNEY & SMITH COMPANY, 41 EAST 42ND ST., NEW YORK 17, N. Y.
 Bradley & Co., 74 Park Street, Springfield 2, Mass.
 Braham Laboratories, Inc., 1200 West 9th Street, Cleveland 13, Ohio
 Crescent Products Company, 315 North Fourteenth Street, Terre Haute, Indiana
 Paisley Products, Inc., 1770 Canalport Avenue, Chicago 16, Ill.
 Peaslee Gaubert Corp., 226 North 15th Street, Louisville 3, Ky.
 Scriptex Products Co., 513 S. Second Street, Philadelphia 47, Penna.

PENCILS AND PENS

American Lead Pencil Company, 500 Willow Avenue, Hoboken, N. J.
 Eagle Pencil Company, 703 East 13th Street, New York 5, N. Y.
 *EERHARDT FABER PENCIL CO., 37 GREENPOINT AVE., BROOKLYN 22, N. Y.
 *M. GRUMBACHER, INC., 460 WEST 34TH STREET, NEW YORK 1, N. Y.
 *C. HOWARD HUNT PEN COMPANY, 7TH AND STATE STS., CAMDEN 1, N. J.
 Scripto, Inc., 423 Houston St., N. E. Atlanta 2, Ga.

PENCIL SHARPENERS

Automatic Pencil Sharpener Co., 1801 18th Avenue, Rockford, Ill.
 J. L. Hammett Company, Kendall Square, Cambridge 42, Mass.
 *C. HOWARD HUNT PEN COMPANY, 7TH AND STATE STS., CAMDEN 1, N. J.

PHOTOGRAPHIC EQUIPMENT

*AMERICAN PRODUCTS COMPANY, 2287 HOLLERS AVENUE, NEW YORK 66, N. Y. (Tripos, Projector Stands, Print Rollers, Lighting Equipment)
 Bardwell & McAllister, Inc., 2860 Ontario Street, Burbank, Calif. (Lighting and Tinting Equipment, Print Dryers)
 Baxco & Co., 641 E. 12th St., New York 10, Pa. (Projector Stands, Projectors, Slide Projectors, Combination Opaque and Slide Projectors)
 *BURROUGHS ADDING MACHINE CO., 6071 SECOND AVENUE, DETROIT 32, MICH. (Microfilming Equipment)
 Clarius Sales Company, 315 Oppenheim Building, St. Paul 1, Minn.
 Craftsmen's Guild, 1001 N. Orange Drive, Hollywood 38, Calif. (Film Viewers, Slide Mounts)
 *D. LA-SALLE SCREEN CO., INC., 2711-23 N. PULASKI ROAD, CHICAGO 39, ILL. (Projection Screens-Glass, Beaded, Mat White, Portable and Wall Types)
 Duophoto Corporation, 30 West 25th Street, New York 10, N. Y. (Photocopying Equipment, Reflex and Contact Copying, Photocopying Chemicals, Print Dryers)
 Eastman Kodak Company, 343 State Street, New York 10, N. Y. (Still and Motion Picture Cameras and Projectors; Film Accessories, Lenses)
 General Binding Corp., 812 W. Belmont Avenue, Chicago 14, Ill. (Plastic Binding)
 Golde Mfg. Company, 1220 W. Madison Street, Chicago 17, Ill. (Spotlights, Aluminum Slide Rings, Special Slide Projection Equipment)
 *M. GRUMBACHER, INC., 460 W. 34TH ST., NEW YORK 1, N. Y. (Oil Color Sets for Projection, Camera-Accessoraries, Enlargers, Photo Opaques & Stays)
 Kane Manufacturing Corp., Kane, Penna. (Darkening Shades)
 Kin-Clare, Inc., 105 West 40th Street, New York 18, N. Y. (8 mm and 16 mm raw film-silent and sound, Laboratory Services, Reel and Cans, Film Cement)
 Lake Chemical Company, 3052 W. Carroll Avenue, Chicago 12, Ill. (Window-Riter-Marks glass and Cellophane)
 Lawrence Camera Shop, 149 N. Broadway, Wichita 5, Kansas (Cameras, Dark Room Supplies)
 Eastman Kodak Corp., 666 West Harvard Street, Glendale 4, Calif. (16 mm. Motion Picture Cameras)
 Mogul's, 112 West 48th Street, New York 19, N. Y. (Cameras-Accessoraries, Enlargers, Darkroom Equipment, Lenses)
 *NATCO, 4401 W. NORTH AVE., CHICAGO 39, ILL. (16 mm. sound and silent film, Projectors and Allied Accessories)
 *NEUMAIDE PRODUCTS CORP., 330 WEST 42ND STREET, NEW YORK 18, N. Y. (Equipment for Editing, Storage and Handling of Motion Picture Film, Filmstrip and Slides)
 Peck & Harvey, 5738 N. Western, Chicago 45, Illinois (Blue Print and Whitprint Machines, Photocopy Equipment)
 Pictorial Frames, 615 Jersey, Quincy, Illinois (Frame Mounting Boards)
 Radiant Lamp Corporation, 900 Jelliff Avenue, Newark 8, N. J. (Projection Lamps, Exit Lamps)
 Remington Rand, Inc., 315 Fourth Avenue, New York 10, N. Y. (Contact Printer, Photo Copying, Microfilming)
 *REVERE CAMERA COMPANY, 329 EAST 21ST ST., CHICAGO 16, ILL.
 Rosco Laboratories, 367 Hudson Avenue, Brooklyn 1, N. Y. (Lens Tissue, Lens Accessories)
 J. G. Saltzman, Inc., 480 Lexington Ave.

nue, New York 17, N. Y. (Enlargers, Studio Lighting Equipment, Camera Stands, Speedlights)
 Society for Visual Education, Inc., 1345 West Diversey Parkway, Chicago 14, Illinois (Slide and Filmstrip Projectors, Projector Lenses, Projection Screens, Slide and Filmstrip File Boxes)
 *VACUUMATE CORP., 446 WEST 43RD STREET, NEW YORK, N. Y. (Film Projective Process)
 Weston Electrical Instrument Corp., 614 Frelinghuysen Avenue, Newark 5, New Jersey (Photometers, Exposure Meters)

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 Bulletin Boards & Directory Products, Inc., 724 Broadway, New York 3, N. Y.

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 THE HOPKINS METALRAFT 224 SOUTH 17TH STREET, MINNEAPOLIS 1, MINN.
 *HULL SIGN COMPANY, WEST WINFIELD 1, NEW YORK
 Ingram-Richardson, Mfg. Company, 32nd Street, Beaver Falls, Penna.
 *INTERNATIONAL BRONZE TABLET CO. INC., 180-184 WEST 22ND ST., NEW YORK 11, N. Y.
 F. T. McGinn & Sons Company, 17 Village Street, Somerville 43, Mass.
 Newman Brothers, Inc., 660-670 W. 4th Street, Cincinnati 3, Ohio
 Ready Made Sign Company, 115 Worth Street, New York 13, N. Y.
 United States Bronze Sign Co., Inc., 670 Broadway, New York 12, N. Y.

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 *BECKLEY-CARDY COMPANY, 1632 INDIANA AVENUE, CHICAGO 16, ILL.
 J. E. Burke Co., Fond du Lac, Wis.
 General Playground Equipment, Inc., Kokomo, Indiana
 Giant Manufacturing Company, Sixth St., and 12th Ave., Council Bluffs, Iowa
 Husey Mfg. Co., Inc., North Berwick, Me.
 J. E. Porter Corporation, Ottawa, Illinois
 Potomac Engineering Corporation, 664 North Michigan Ave., Chicago 11, Ill.

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 *BRADLEY WASHBURN COMPANY, 2323 W. MICHIGAN STREET, MILWAUKEE 1, WISC.
 Briggs Manufacturing Company, 3001 Miller Street, Detroit 10, Mich.
 Crane Company, 836 So. Michigan Avenue, Chicago 5, Illinois
 Imperial Brass Manufacturing Company, 1200 W. Harrison St., Chicago 7, Illinois
 Lake Chemical Company, 3053 W. Carroll Avenue, Chicago 12, Ill.
 *MINNEAPOLIS HONEYWELL REGULATOR CO., 2745 4TH AVENUE, SO. MINNEAPOLIS 8, MINN.
 *MONROE SALES CO., 919 N. MICHIGAN AVENUE, CHICAGO 11, ILL.
 National Lead Company, 111 Broadway, New York 6, N. Y.
 Sloan Valve Company, 4300 W. Lake St., Chicago, Ill.
 The Trane Company, 2nd and Cameron, La Crosse, Wisc.

POLISHES

*AMERICAN CRAYON COMPANY, 1706 HAYES AVENUE, SANDUSKY, N. Y.
 Armstrong Cork Co., Lancaster, Penna.
 Ashwood Manufacturing Company, 777 Raymond Avenue, St. Paul 4, Minn.
 Boyle-Midway, Inc., 23 East 40th Street, New York 16, N. Y.
 Brahm Laboratories, Inc., 1200 West 9th Street, Cleveland 13, Ohio
 Beam Chemical Company, 2107 W. Erie Avenue, Philadelphia 40, Pa.
 Chicago Sanitary Products Company, 3100 South Throop St., Chicago 16, Ill.
 Consolidated Laboratories, S. Vandewater at Hunt Avenue, St. Louis 10, Mo.
 Continental Car-Na-Vac Corp., Brazil, Ind.
 Devere and Ralston, Inc., 787 First Avenue, New York 17, N. Y.
 *EDWARD DON & COMPANY, 2201 S. LA SALLE STREET, CHICAGO 16, ILL.
 Empire Chemical Products Company, 10 Longworth Street, Newark 2, New Jersey
 Flintkote Company, Tile-Tex Division, 1222 McKinley Avenue, Chicago Heights, Ill.
 Franklin Research Distrib., Inc., 2020 Market Street, Denver 2, Colorado and 5134 Lancaster Ave., Philadelphia 3, Pa.
 B. Heller & Company, Calumet and 40th Street, Chicago 15, Ill.
 Higley Chemical Company, 717 Iowa Street, Dubuque 10, Iowa
 *HILLIARD SALES COMPANIES, 402 NO. 3RD, ST. JOSEPH 1, MO.
 J. I. Holcomb Mfg. Company, 1601 Barth Avenue, Indianapolis 7, Indiana
 *HUNTINGTON LABORATORIES, INC., 900 E. TIPTON ST., HUNTINGTON, IND.
 Imperial Products Company, 1600 Fountain Street, Philadelphia 21, Pa.
 International Metal Products Company, 1910 Quill Street, Indianapolis 7, Indiana
 Kemiko Mfg. Company, 600 Chancellor Avenue, Irvington 11, N. J.
 Walter G. Lester, Inc., 101 Park Avenue, New York 17, N. Y. (Floor only)
 Samuel Lewis Co., Inc., 73 Barclay Street, New York 7, N. Y.
 T. F. McGinn & Sons Company, 17 Village Street, Somerville 43, Mass.
 Marsh Wall Products, Inc., Dover, Ohio
 Midland Laboratories, 210 Jones Street, Dubuque, Iowa
 Minnesota Mining & Manufacturing Co., 900 Fauquier Avenue, St. Paul 6, Minn.
 Multi-Clean Products, Inc., 277 Ford Parkway, St. Paul 1, Minn.
 Penrose Company, 74 Hudson Avenue, Tenafly, New Jersey
 *ALBERT PICKER, INC., 2159 PERSHING ROAD, CHICAGO 9, ILL.
 Pro-Tex-All Company, Inc., 104 N. W. First Street, Evansville 6, Indiana
 Reinsner Chemical Company, 4515 12th Avenue, Brooklyn 19, N. Y.
 Reym Plastic Products Co., 1525 E. 53rd Street, Chicago 13, Ill.
 W. B. Robertson Products Co., Inc., 700 W. Division Street, Chicago 10, Ill.
 E. W. Germeide Company, 333 Hollenbeck Street, Rochester 21, New York
 Germeide, Inc., 33 West Hubbard Street, Chicago 10, Ill.

The Selig Company, 342 Marietta St., N. W., Atlanta 1, Ga.
 Selig Radio Corp., 100 West 42nd Street, New York 18, N. Y.
 John Sexton & Company, 500 N. Orleans Street, Chicago 90, Ill.
 Southern Chemical Co., 1655 Hansford P. O. Box 1193, Charleston 24, W. Va.
 Speco, Inc., 1708 Associate Avenue, Cleveland 3, Ohio
 *NATHAN STRAUS-DUPARQUET, INC., 33 EAST 17TH ST., NEW YORK 3, N. Y.
 U. S. Sanitary Specialties Corp., 1001 So. California Avenue, Chicago 12, Illinois
 Vestal, Inc., 4963 Manchester, St. Louis 10, Mo.
 West Disinfecting Company, 4218 West Street, Long Island City 1, N. Y.

PRINTING EQUIPMENT

American Type Foundry, 200 Elmora Avenue, Elizabeth, N. J. (also Supplies) The Carborundum Company, Buffalo Avenue and Portage Road, Box 337, Niagara Falls, New York
 *RALPH C. COXHEAD CORP., 720 FRELINGHUYSEN AVE., NEWARK 5, N. J.
 Dearing Manufacturing Corporation, 1020 West Adams Street, Chicago 22, Illinois
 Embosograph Corporation of America, 38 West 21st Street, New York 10, N. Y.
 Hamilton Manufacturing Company, Two Rivers, Wisc.
 Pasache Airbrush Company, 1833 Diversey Parkway, Chicago 14, Illinois
 Rosco Laboratories, 367 Hudson Avenue, Brooklyn 1, N. Y.

PROJECTORS

*AMPRO CORPORATION, 2835 N. WESTERN AVE., CHICAGO 18, ILL. (16mm. Slide, Strip)
 The Athletic Institute, 209 S. State St., Chicago 31, Ill. (Strip)
 Automatic Projection Corp., 19 West 44th St., New York 18, N. Y. (Sound on disc, Strip film—silent and sound on disc, Automatic and Manual)
 Bausch & Lomb Optical Co., Inc. (Slide, Opaque) (16mm. Slide)
 *BELL & HOWELL COMPANY, 7100 MCCORMICK ROAD, CHICAGO 45, ILL.
 Charles Beesler Company, 60 Badger Ave., Newark 8, N. J. (Opasque, Slide, Overhead, Combination opaque and slide)
 Denoyer-Goppert Company, 6225 Ravenswood Ave., Chicago 40, Ill.
 DeVry Corporation, 1111 Armitage Ave., Chicago 11, Illinois
 Eastman Kodak Company, 343 State St., Rochester 4, N. Y. (16mm., sound & silent, Slide)
 Goette Mfg. Company, 1220 W. Madison St., Chicago 17, Ill. (Slide, Strip)
 Holmes Projector Company, 1815 Orchard Street, Chicago 16 (16mm.)
 *INSTITUTIONAL CINEMA SERVICE, INC., 1560 BROADWAY, NEW YORK 19, N. Y. (16mm.)
 *JAM HAND ORGANIZATION, 2821 E. GRAND BOULEVARD, DETROIT 11, MICH. (16mm., Slide, Strip, Opasque)
 Kenney-Viet Company, Meadville, Penna. (Slide, Strip)
 Mitchell Camera Corp., 666 West Harvard St., Glendale 4, Calif. (16mm.)
 *Muller, 112 West 48th St., New York 19, N. Y. (16mm., Slide, Strip Opasque)
 *NATCO, 1401 W. NORTH AVE., CHICAGO 39, ILL. (16mm. sound)
 Newark Electric Co., Inc., 242 West 55th St., New York 19, N. Y. (16mm.)
 *NEWCOMB AUDIO PRODUCTS COMPANY, 624 LEXINGTON AVE., HOLLYWOOD 38, CALIF.
 CORPORATION OF AMERICA, CAMDEN, N. J. (16mm.)
 *REVERE CAMERA COMPANY, 320 E. 21ST ST., CHICAGO 18, ILL. (16mm. Sound)
 Society for Visual Education, Inc., 1345 West Diversey Parkway, Chicago 14, Ill. (Slide, Strip, also accessories)
 *NATIONAL CARBIDE & CARBON CORP., EAST END ST., NEW YORK 17, N. Y. (Projector Carbons)
 Universal Camera Corp., 39 West 23rd St., New York 10, N. Y. (16mm.)
 Victor Animatograph Corporation, Hickory Grove Road, Davenport, Iowa (16mm.)
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*ALLIED RADIO CORP., 833 W. JACKSON BLVD., CHICAGO 18, ILL.
 *AMPRO CORPORATION, 2835 N. WESTERN AVE., CHICAGO 18, ILL.
 Walter Ashe Radio Company, 1125 Pine St., St. Louis 1, Mo.
 Bell Sound Systems, Inc., 555 Marion Road, Columbus 7, Ohio
 *BRUSH DEVELOPMENT CO., 3105 PERKINS AVE., CLEVELAND 14, OHIO
 Concord Radio Corp., 901 W. Jackson Blvd., Chicago 7, Ill.
 Electro-Voice, Inc., Carroll & Cecil Sts., Buchanan, Mich.
 Lafayette Radio Corp., 24 Central Avenue, Newark, N. J.
 Newark Electric Co., Inc., 242 West 55th St., New York 19, N. Y.
 *NEWCOMB AUDIO PRODUCTS COMPANY, 624 LEXINGTON AVE., HOLLYWOOD 38, CALIF.
 *RAULAND-BORG CORPORATION, 3523 W. ADDISON ST., CHICAGO 12, ILL.
 *RCA VICTOR DIVISION, RADIO CORP. OF AMERICA, CAMDEN, N. J.
 Van Sickle Radio Supply Co., 102 So. Penn St., Indianapolis 6, Ind.
 Webster Electric Company, 1900 Clark St., Racine, Wisc.

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 Walter Ashe Radio Company, 1125 Pine St., St. Louis 1, Mo.
 Concord Radio Corp., 901 W. Jackson Blvd., Chicago 7, Ill.

*GENERAL ELECTRIC COMPANY, 1 RIVER ROAD, SCHENECTADY 5, N. Y.
 Lark Radio Corp., 24 Central Avenue, Newark, N. J.
 Newark Electric Co., Inc., 242 West 55th St., New York 19, N. Y.
 *NEWCOMB AUDIO PRODUCTS COMPANY, 624 LEXINGTON AVE., HOLLYWOOD 38, CALIF.
 *RCA VICTOR DIVISION, RADIO CORP. OF AMERICA, CAMDEN, N. J.
 Sylvania Electric Products, Inc., 1740 Broadway, New York 19, N. Y.
 *SYMPHONIC RADIO & ELECTRONIC CORP., 232 MAIN STREET, CAMBRIDGE, MASS.
 Van Sickle Radio Supply Co., 102 So. Penn St., Indianapolis 6, Ind.

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 *BRUSH DEVELOPMENT CO., 3105 PERKINS AVE., CLEVELAND 14, OHIO
 Concord Radio Corp., 901 W. Jackson Blvd., Chicago 7, Ill.
 Electro-Voice, Inc., Carroll & Cecil Sts., Buchanan, Mich.
 *GENERAL ELECTRIC COMPANY, 1 RIVER ROAD, SCHENECTADY 5, N. Y.
 Lafayette Radio Corp., 24 Central Avenue, Newark, N. J.
 Newark Electric Co., Inc., 242 West 55th St., New York 19, N. Y.
 *RCA VICTOR DIVISION, RADIO CORP. OF AMERICA, CAMDEN, N. J.
 Sylvania Electric Products, Inc., 1740 Broadway, New York 19, N. Y.
 Van Sickle Radio Supply Co., 102 So. Penn St., Indianapolis 6, Ind.

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Adams Recording Products Co., 36-12 34th St., Long Island City 1, N. Y.
 *ALLIED RADIO CORP., 833 W. JACKSON BLVD., CHICAGO 18, ILL.
 Allied Recording Products Co., 21-09 43rd Ave., Long Island City 1, N. Y.
 *AMPRO CORPORATION, 2835 N. WESTERN AVE., CHICAGO 18, ILL.
 Walter Ashe Radio Company, 1125 Pine St., St. Louis 1, Mo.
 *BERLANT ASSOCIATES, 4917 W. JEFFERSON BLVD., LOS ANGELES 16, CALIF.
 Stanley Bowmar Company, 513 West 166th Street, New York 10, N. Y.
 *BRUSH DEVELOPMENT CO., 3105 PERKINS AVE., CLEVELAND 14, OHIO
 Concord Radio Corp., 901 W. Jackson Blvd., Chicago 7, Ill.
 Crestwood Record Corporation, 621 W. Adams St., Chicago 6, Ill.
 Bell Sound Systems, Inc., 555 Marion Road, Columbus 7, Ohio
 Electro-Voice, Inc., Carroll & Cecil Sts., Buchanan, Mich.
 J. L. Hammett Company, Kendall Square, Cambridge 42, Mass.
 Lafayette Radio Corp., 24 Central Avenue, Newark, N. J.
 Minnesota Mining & Manufacturing Co., 900 Fauquier Ave., St. Paul 6, Minn.
 Newark Electric Co., Inc., 242 West 55th St., New York 19, N. Y.
 *NAT-ART FILMS, 112 WEST 45TH ST., NEW YORK 19, N. Y.
 Presto Recording Corp., P. O. Box 450, Hackensack, N. J.
 *RCA VICTOR DIVISION, RADIO CORP. OF AMERICA, CAMDEN, N. J.
 Reeves Soundcraft Corp., 35-54 36th St., Long Island City 6, N. Y.
 Rek-O-Kut Company, Inc., 38-01 Queens Blvd., Long Island City, N. Y.
 *REVERE CAMERA COMPANY, 320 E. 21ST STREET, CHICAGO 18, ILL.
 Society for Visual Education, Inc., 58 Mill Road, Freeport, N. Y.
 Sound Scriber Corp., 146 Munson St., New Haven, Conn.
 Sun Radios & Electronics Co., Inc., 122-12 Duane Street, New York 7, N. Y.
 Sylvania Electric Products, Inc., 1740 Broadway, New York 19, N. Y.
 Van Sickle Radio Supply Company, 102 So. Penn St., Indianapolis 6, Ind.
 Webster Chicago Corporation, 5610 Bloomington Ave., Chicago, Ill.
 Webster Electric Company, 1900 Clark St., Racine, Wisc.

RECORDS & RECORD PLAYERS

*ALLIED RADIO CORP., 833 W. JACKSON BLVD., CHICAGO 18, ILL. (Players)
 Walter Ashe Radio Company, 1125 Pine St., St. Louis 1, Mo.
 The Athletic Institute, 209 S. State St., Chicago 31, Ill.
 Bell Sound Systems, Inc., 555 Marion Road, Columbus 7, Ohio
 Stanley Bowmar Company, 513 West 166th Street, New York 10, N. Y.
 Children's Reading Service, 106 Beekman St., New York 7, N. Y.
 Rek-O-Kut Company, Inc., 901 W. Jackson Blvd., Chicago 7, Ill.
 Electro-Voice, Inc., Buchanan, Mich.
 Newark Electric Co., Inc., 242 West 55th St., New York 19, N. Y.
 *NEWCOMB AUDIO PRODUCTS COMPANY, 624 LEXINGTON AVE., HOLLYWOOD 38, CALIF.
 *RCA VICTOR DIVISION, RADIO CORP. OF AMERICA, CAMDEN, N. J.
 Reeves Soundcraft Corp., 35-54 36th St., Long Island City 6, N. Y.
 Rek-O-Kut Company, Inc., 38-01 Queens Blvd., Long Island City 1, N. Y.
 *SYMPHONIC RADIO & ELECTRONIC CORP., 232 MAIN STREET, CAMBRIDGE, MASS.
 Van Sickle Radio Supply Co., 102 So. Penn St., Indianapolis 6, Ind.

REFRIGERATORS, FREEZERS

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 Cruise Refrigerator Co., Inc., 510 W. Main Street, Louisville 2, Ky.
 Curtis Refrigerating Machine Div., 1905 Kielen Ave., St. Louis 2, Mo.
 *EDWARD DON & COMPANY, 2201 S. LA SALLE ST., CHICAGO 16, ILL.
 *FRIGIDAIRE DIVISION, GENERAL MOTORS CORP., 300 TAYLOR ST., DAYTON 1, OHIO
 *GENERAL ELECTRIC COMPANY, 1 RIVER ROAD, SCHENECTADY 5, N. Y. and 1221 BOSTON AVE., BRIDGEPORT 2, CONN. (Electric)
 General Refrigerators Corp., 678 Broadway, New York 12, N. Y.
 Hussman Refrigeration, Inc., 2401 N. Leflingwell St., St. Louis 6, Mo.
 H. H. Johnson Company, 221 State St., Boston 9, Mass.
 Paul S. Jones Co., Inc., 147 West 22nd St., New York 11, N. Y.
 McCray Refrigerator Company, Kendallville, Ind.
 MacDonald & Gehm, Inc., 100 Worth St., New York 13, N. Y.
 Nash-Kelvinator Corp., Kelvinator Div., 4250 Plymouth Road, Detroit 23, Mich.
 *NATIONAL CHINA & EQUIPMENT CORP., 214-18 E. FOURTH STREET, MARION, IND.
 *NATIONAL ELECTRICAL MANUFACTURERS ASSOC., 155 EAST 44TH ST., NEW YORK 17, N. Y.
 The C. Schmidt Company, John & Livingston Sts., Cincinnati 14, Ohio
 Servel, Inc., 119 No. Morton Ave., Evansville 20, Ind.
 Sherer-Gillett Company, Marshall, Mich.
 *NATHAN STRAUS-DUPARQUET, INC., 33 EAST 17TH ST., NEW YORK 3, N. Y.
 Tyler Fixture Corp., Niles, Michigan
 United Refrigerator Company, Walnut & Locust Sts., Hudson, Wisc.
 Westinghouse Electric Corp., 246 E. Fourth St., Mansfield, Ohio

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*DAYTON SAFETY LADDER CO., 2339 GILBERT AVE., CINCINNATI 6, OHIO
 *EDWARDS CO., NORWALK, CONN.
 The Fry-Fryer Company, 221 Crane Ave., Dayton 1, Ohio
 Mine Safety Appliances Company, 201 N. Braddock Ave., Pittsburgh
 Minnesota Mining & Manufacturing Co., 900 Fauquier Ave., St. Paul 6, Minn.
 Pyrene Manufacturing Company, 560 Belmont Ave., New York 17, N. Y.
 Ready Made Sign Company, 115 Worth Street, New York 13, N. Y.
 Sargent & Company, 45 Water Street, New Haven 4, Conn.
 Silartube Fire Escape Company, 228 N. La Salle St., Chicago, Ill.
 Vonnegut Hardware Company, Von Duprin Division, 102 W. Maryland St., Indianapolis 9, Ind.

SCALES

Cruise Refrigerator Co., Inc., 510 W. Main Street, Louisville 2, Ky.
 Detroit Scales, Inc., 540 Park Ave., Brooklyn 5, N. Y.
 Dixie Canner Company, P. O. Box 1348, Atlanta, Ga.
 Engineering Manufacturing Company, 619 A. No. Commerce St., Sheboygan, Wisc.
 H. H. Johnson Company, 221 State St., Boston 9, Mass.
 MacDonald & Gehm, Inc., 100 Worth St., New York 13, N. Y.
 *NATHAN STRAUS-DUPARQUET, INC., 33 EAST 17TH ST., NEW YORK 3, N. Y.
 Toledo Scale Co., Box 97, Toledo 12, Ohio
 F. Weber Company, 1220 Butwood St., Philadelphia 23, Pa.

SCIENTIFIC INSTRUMENTS

American Optical Company, Box A, Buffalo 15, N. Y.
 Bausch & Lomb Optical Company, 635 St. Paul St., Rochester 2, N. Y.
 The Electric Hotpack Co., Inc., 5055 Cottman Ave., Philadelphia 35, Pa.
 Oplum Company, Inc., 362 Fourth Ave., New York 10, N. Y.
 *RCA VICTOR DIVISION, RADIO CORP. OF AMERICA, CAMDEN, N. J.
 Sedgwick St., Chicago 10, Ill.
 Weston Electrical Instrument Corp., 614 Frelinghuysen Ave., Newark 6, N. J.

SCISSORS & SHEARS

Acme Shear Co., Bridgeport 7, Conn.
 Porter Cable Machine Company, 1714 No. Salina St., Syracuse 8, N. Y. (Electric Hedge Shears)
 Potomac Engineering Corporation, 664 North Michigan Ave., Chicago 11, Ill.

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All-American Scoreboards, Pardeeville, Wisc.
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 Fair Play Manufacturing Company, West Des Moines, Iowa
 *INTERNATIONAL BUSINESS MACHINES CORP., 590 MADISON AVE., NEW YORK 22, N. Y.
 Fred Medart Products, Inc., 3535 DeKalb, St. Louis 18, Mo.
 Naden & Sons, 837 Water St., Webster City, Iowa
 National Time & Signal Corp., 21800 Wyoming Ave., Detroit 20, Mich.
 Science Research Associates, 228 S. Wabash Ave., Chicago 4, Ill.

SCREENS

*ART CRAFT THEATRE EQUIPMENT CORP., 108 WEST 46TH ST., NEW YORK 10, N. Y.
 *DA-LITE SCREENS COMPANY, 2723 N. BROADWAY AVE., CHICAGO, ILL. (Projection Screens)
 Denoyer-Goppert Company, 6235 Ravenswood Ave., Chicago 40, Ill.

J. L. Hammett Company, Kendall Square, Cambridge 42, Mass.
Hough Shale Corporation, 1113 Jackson St., Janesville, Wisc.
★INSTITUTE FOR CINEMA SERVICE, 150 BROADWAY, NEW YORK 19, N. Y.
Kane Manufacturing Corp., Kane, Pa. (Aluminum Steel & Bronze also Door Screens & Storm Sash)
Keystone View Company, Meadville, Pa.
★NATCO, 401 W. NORTH AVE., CHICAGO 33, ILL. (Projection)
Potomac Engineering Corporation, 664 North Michigan Ave., Chicago 11, Ill.
Radian Mfg. Company, 2667 W. Roosevelt Road, Chicago 8, Ill. (Projection)
Society for Visual Education, Inc., 1345 West Diversey Parkway, Chicago 14, Ill.

SEATING EQUIPMENT

★AMERICAN DESK MFG. COMPANY, TEMPLE TEXAS
★AMERICAN SEATING COMPANY, 901 BROADWAY, GRAND RAPIDS 2, MICH.
★BECKLEY-CARDY COMPANY, 1622 INDIANA AVENUE, CHICAGO 16, ILL.
Dependable Mfg. Company, 434 Keeline Building, Omaha, Nebraska
Engineering Manufacturing Company, 619 A No. Commerce St., Sheboygan, Wisc.
★GRIGGS EQUIPMENT COMPANY, BOX 630, BELTON, TEXAS
Hewwood-Wakefield Co., No. State St., Menominee, Mich.
Huntington Seating Company, 480 Lexington Avenue, New York 17, N. Y.
Hussey Mfg. Co., North Berwick, Maine
Ideal Seating Company, 519 Ann Street, N. W., Grand Rapids 2, Michigan
Irwin Seating Company, 1480 Buchanan, S. W., Grand Rapids 2, Michigan
MacDonald & Gehm, Inc., 100 North Street, New York 13, N. Y.
★MAPLE CITY STAMPING COMPANY, 714 PARK AVENUE, PEORIA, ILL. (Folding Steel Chairs)
National Chair Company, 412 North Fourth Street, St. Louis 2, Mo.
★NORCOR MANUFACTURING COMPANY, INC., 301 BRIDGE STREET, GREEN BAY, WISC.
The Peabody Seating Co., Inc., North Manchester, Indiana
Safway Steel Products, Inc., 6222 W. State Street, Milwaukee 13, Wisc.
★NATHAN STRAUS-DUPARQUET, INC., 33 EAST 17TH ST., NEW YORK 3, N. Y.
Thonet Industries, Inc., One Park Avenue, New York 16, N. Y.
Union City Body Co., Inc., West Pearl Street, Union City, Indiana

SHOWERS & SHOWER STALLS

American Radiator and Standard Sanitary Corp., Box 1276, Pittsburgh 30, Pa.
★BRADLEY WASHFOUNTAIN CO., 2203 W. MICHIGAN ST., MILWAUKEE 1, WISC.
Sanymetal Products Co., Inc., Urbana Road, Cleveland, Ohio
Milwaukee Stamping Company, 830 S. 72nd Street, Milwaukee 14, Wisc.
Henry Weis Mfg. Company, 207 Oak St., Elkhart, Ind.

SOAPS

Braham Laboratories, Inc., 1200 West 9th Street, Cleveland 13, Ohio
Bram Chemical Company, 2107 W. Erie Avenue, Philadelphia 40, Penna.
Chicago Sanitary Products Company, 3100 South Throop Street, Chicago 8, Illinois
Colgate-Palmolive-Peet Company, 105 Hudson Street, Jersey City 2, N. Y.
Consolidated Laboratories, S. Vandeventer at Hunt Avenue, St. Louis 10, Mo.
Continental Car-Na-Var Corp., Brazil, Ind.
★C. B. DOLGE CO., WESTPORT, CONN.
★EDWARD DON & COMPANY, 2201 S. LA SALLE STREET, CHICAGO 16, ILL.
A. T. Eavenson & Sons, 1004 Western Saving Fund Bldg., Philadelphia, Pa.
Empire Chemical Products Company, 10 Longworth Street, Newark 2, N. J.
Essential Chemicals Company, 744 N. Fourth Street, Milwaukee 3, Wisc.
Franklin Research District, Inc., 2020 Market Street, Denver 2, Colorado
5134 Lancaster Ave., Philadelphia, Pa.
Gillam Soap Works, 200 N. E. 21st, Ft. Worth 6, Texas
Grace-Lee Products, Inc., 1414 Marshall Street, N. E., Minneapolis 13, Minn.
Higley Chemical Company, 717 Iowa Street, Dubuque, Iowa
★HILLYARD CHEMICAL COMPANY, 402 NO. 3RD, ST. JOSEPH 1, MISSOURI
J. I. Holcomb Mfg. Company, 1601 Barth Avenue, Indianapolis 7, Ind.
★HUNTINGTON LABORATORIES, 900 E. TIPTON ST., HUNTINGTON, IND.
Walter G. Legge Co., Inc., 101 Park Avenue, New York 17, N. Y.
Samuel Lewis Co., Inc., 73 Barclay Street, New York 7, N. Y.
Midland Laboratories, 210 Jones Street, Dubuque, Iowa
Murphy-Phoenix Company, 9606 Cassius Avenue, Cleveland 5, Ohio
The Penetone Company, 74 Hudson Avenue, Tenafly, New Jersey
Potomac Engineering Corporation, 664 North Michigan Avenue, Chicago 11, Ill.
Procter & Gamble, Cincinnati 1, Ohio
Pro-Tex-All Company, Inc., 104 N. W. First Street, Evansville 8, Ind.
The Pynol Company, 615 Jersey Street, Quincy, Ill.
Reissner Chemical Company, 4515 12th Avenue, Brooklyn 19, N. Y.
Theo. B. Robertson Products Co., Inc., 700-704 W. Division Street, Chicago 10, Ill.
Rochester Germicide Company, 333 Hollenbeck Street, Rochester 21, N. Y.
Saspin Chemicals, Inc., 113 West Hubbard Street, Chicago 10, Illinois
The Selig Company, 342 Marietta St., N. W., Atlanta 1, Ga.
John Sexton & Company, 500 N. Orleans Street, Chicago 30, Illinois

Southern Chemical Co., 1565 Hansford St., P. O. Box 1138, Charleston 11, W. Va.
Speco, Inc., 7308 Associate Avenue, Cleveland 9, Ohio
Tudor Chemical Company, 7638 Vincennes Avenue, Chicago 20, Illinois
U. S. Sanitary Specialties Corp., 1001 So. California Avenue, Chicago 12, Ill.
Vestal, Inc., 4963 Manchester, St. Louis 10, Mo.
West Disinfecting Company, 4216 West Street, Long Island City 1, N. Y.

SOAP DISPENSERS

Bobrick Manufacturing Corporation, 1839 Blake Avenue, Los Angeles 26, Calif.
Braham Laboratories, Inc., 1200 West 9th Street, Cleveland 13, Ohio
Bram Chemical Company, 2107 W. Erie Avenue, Philadelphia 40, Pa.
Chicago Sanitary Products Company, 3100 South Throop Street, Chicago 8, Illinois
Consolidated Laboratories, S. Vandeventer at Hunt Avenue, St. Louis 10, Mo.
Continental Car-Na-Var Corp., Brazil, Ind.
★C. B. DOLGE CO., WESTPORT, CONN.
★EDWARD DON & COMPANY, 2201 S. LA SALLE ST., CHICAGO 16, ILL.
A. T. Eavenson & Sons, 1004 Western Saving Fund Bldg., Philadelphia, Pa.
Empire Chemical Products Company, 10 Longworth Street, Newark 2, N. J.
Higley Chemical Company, 717 Iowa Street, Dubuque, Iowa
★HILLYARD CHEMICAL COMPANY, 402 NO. 3RD, ST. JOSEPH 1, MO.
J. I. Holcomb Mfg. Company, 1601 Barth Avenue, Indianapolis 7, Ind.
★HUNTINGTON LABORATORIES, 900 E. TIPTON ST., HUNTINGTON, IND.
The Imperial Brass Manufacturing Co., 1200 W. Harrison Street, Chicago 7, Ill.
Kemiko Mfg. Company, 500 Chancellor Avenue, Irvington 11, N. J.
Samuel Lewis Co., Inc., 73 Barclay Street, New York 7, N. Y.
Midland Laboratories, 210 Jones Street, Dubuque, Iowa
Palmer Picture Company, P. O. B. 347, Waukesha, Wisc.
Pro-Tex-All Company, Inc., 104 N. W. First Street, Evansville 8, Ind.
The Pynol Company, 615 Jersey Street, Quincy, Illinois
Theo. B. Robertson Products Co., Inc., 700-704 W. Division Street, Chicago 10, Ill.
Rochester Germicide Company, 333 Hollenbeck Street, Rochester 21, N. Y.
Saspin Chemicals, Inc., 113 West Hubbard Street, Chicago 10, Ill.
The Selig Company, 342 Marietta St., N. W., Atlanta 1, Ga.
U. S. Sanitary Specialties Corp., 1001 So. California Avenue, Chicago 13, Illinois
Vestal, Inc., 4963 Manchester, St. Louis 10, Mo.
West Disinfecting Company, 4216 West Street, Long Island City 1, N. Y.

STAGE EQUIPMENT

★ART CRAFT THEATRE EQUIPMENT COMPANY, 108 W. 46TH ST., NEW YORK, N. Y.
★DAZIAN'S, INC., 142 WEST 41TH STREET, NEW YORK 18, N. Y.
Houston Scenic Studios, 7026 Sherman Ave., Houston 11, Texas
Kiehl Bros. Univ. Electric Stage Lighting Co., Inc., 321 West 60th Street, New York 19, N. Y.
Manhasel Specialty Company, 724 Franklin Avenue, Yakima, Washington
★MITCHELL MFG. CO., 2740 S. 31TH ST., MILWAUKEE 46, WISC. (Band, Choral, Stage, Portable Folding Seats)
Mogul's, 112 West 48th Street, New York 19, N. Y.
Potomac Engineering Corporation, 664 North Michigan Ave., Chicago 11, Ill.
Rosco Laboratories, 367 Hudson Avenue, Brooklyn 1, N. Y.
Stage Decoration & Supplies, 620 Joyner Street, Greensboro, N. Carolina
★THEATRE PRODUCTION SERVICE, 1430 BROADWAY, NEW YORK, N. Y.
Valien, Inc., 225 Bluff St., Akron, Ohio

STAIR TREADS

Armstrong Cork Company, Lancaster, Pa.
The Carborundum Company, Buffalo Avenue and Portage Road, Box 357, Niagara Falls, New York
The Selig Company, 342 Marietta St., N. W., Atlanta 1, Ga.

STEREOOPTICS & SLIDES

Bausch & Lomb Optical Co., 635 St. Paul Street, Rochester 2, N. Y.
Charles Beeler Company, 60 Badger Avenue, Newark 8, N. J.
Keide Mfg. Company, 1230 W. Madison Street, Chicago 17, Illinois
Goldstone View Company, Meadville, Penna.
Melflex Products Co., Inc., 410 S. Broad Street, Akron 9, Ohio
Mogul's, 112 West 48th Street, New York 19, N. Y.

STORAGE EQUIPMENT

★GENERAL ELECTRIC COMPANY, 1285 BOSTON AVE., BRIDGEPORT 2, CONN.
Hamilton Manufacturing Company, Two Rivers, Wisc.
Lyon Metal Products, Inc., 3000 Montgomery Street, Aurora, Illinois
★NEUMADE PRODUCTS COMPANY, 330 WEST 42ND STREET, NEW YORK 18, N. Y. (For Films, Filmstrip and Slides)
Republic Steel Corporation, Berger Manufacturing Division, 1038 Reiden Ave., N. E. Cantos 5, Ohio (Shelving)
Society for Visual Education, Inc., 1345 W. Diversey Parkway, Chicago 14, Ill.
Standard Steel Equipment Co., Inc., College Point, New York, N. Y.

STOVES

Caloric Stove Corporation, Widener Building, Philadelphia 17, Penna. (Gas)

★DETROIT-MICHIGAN STOVE COMPANY, GPO BOX 2069, DETROIT 31, MICHIGAN (Gas and Electric)
★EDWARD DON & COMPANY, 2201 S. LA SALLE STREET, CHICAGO 16, ILL. (Gas, Electric)
Eagle Foundry Co., Belleville, Ill. (Gas)
★RIGIDAIRE DIVISION, GENERAL MOTORS CORP., 300 TAYLOR STREET, DAYTON 1, OHIO (Electric)
★GENERAL ELECTRIC COMPANY, 1 RIVER ROAD, SCHENECTADY 12, NEW YORK AND 1285 BOSTON AVENUE, BRIDGEPORT 2, CONN. (Electric)
Hot Point Inc., 227 S. Seeley, Chicago, Ill.
Prest S. Jones Co., Inc., 147 West 22nd Street, New York 11, N. Y. (Gas, Electric)
MacDonald & Gehm, Inc., 100 North Street, New York 13, N. Y. (Gas, Electric)
Nash-Kelvinator Corp., Kelvinator Division, 14250 Plymouth Road, Detroit 32, Michigan (Electric)
★NATIONAL CHINA & EQUIPMENT CORP., 214-18 E. FOURTH STREET, MARION, IND. (Gas, Electric)
★NATIONAL ELECTRICAL MANUFACTURERS ASSOC., 155 EAST 4TH STREET, NEW YORK, N. Y. (Electric)
★ALBERT PICK CO., INC., 2159 PERSHING ROAD, CHICAGO 9, ILLINOIS (Gas, Electric)
Harlow C. Stahl Company, 1375 E. Jefferson, Detroit 7, Michigan (Gas, Electric)
★NATHAN STRAUS-DUPARQUET, INC., 33 EAST 17TH STREET, NEW YORK 3, N. Y. (Gas, Electric)
Westinghouse Electric Corp., 246 E. Fourth Street, Mansfield, Ohio (Electric)
★WOLF RANGE & MFG. COMPANY, 5731 S. ALAMEDA STREET, LOS ANGELES 58, CALIF. (Gas)

SWIMMING POOL EQUIPMENT

★AMERICAN PLAYGROUND DEVICE COMPANY, ANDERSON, INDIANA
★BERMAN CHEMICAL COMPANY, 712 SUPERIOR STREET, TOLEDO 4, OHIO

General Playground Equipment, Inc., Kokomo, Indiana
Giant Manufacturing Company, Sixth St. and 12th Ave., Council Bluffs, Iowa
Hussey Mfg. Co., North Berwick, Maine
Safway Steel Products, Inc., 6222 W. State Street, Milwaukee 13, Wisc. (Seats)
C. W. Birch Mfr., 1921 Buckingham Road, Los Angeles 16, Calif.
Worthington Pump and Machinery Corp., Harrison, New Jersey

TABLES

★AMERICAN SEATING CO., 901 BROADWAY, GRAND RAPIDS 2, MICH.
Astra Bentwood Furniture Company, 61 West 46th Street, New York 19, N. Y.
Bacon & Vincent Co., Inc., 1 Elliott Street, Buffalo 3, New York (Table Trucks)
Milton Bradley Co., 74 Park Street, Springfield 2, Mass.
Dependable Mfg. Company, 434 Keeline Building, Omaha, Nebraska
Doehler Metal Furniture Co., Inc., 192 Lexington Avenue, New York 18, N. Y.
★EDWARD DON & COMPANY, 2201 S. LA SALLE ST., CHICAGO 16, ILL.
Duke Mfg. Company, 2300 No. Broadway, St. Louis 8, Mo. (Bakers, Cooks, Work)
Hewwood-Wakefield Co., No. State St., Menominee, Michigan and Gardner, Mass.
Howe Folding Furniture, Inc., One Park Avenue, New York 18, N. Y.
Laboratory Furniture, 37-18 Northern Boulevard, Long Island City, N. Y.
Samuel Lewis Co., Inc., 73 Barclay Street, New York, N. Y.
Lyon Metal Products, Inc., 3000 Montgomery Street, Aurora, Illinois
★MERRILL LEE CO., 200 E. GRAND BOULEVARD, DETROIT 2, MICH.
Midwest Folding Products, 1844 West 14th Street, Chicago 8, Illinois
★MITCHELL MFG. COMPANY, 2740 S. 31ST STREET, MILWAUKEE 46, WISC.
National Chair Company, 412 North Fourth Street, St. Louis 2, Mo.

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*NORCOR MANUFACTURING CO. 301 BRIDGE ST., GREEN BAY, WISC.
 Peabody Seating Co., Inc., North Manchester, Indiana
 Potomac Engineering Corporation, 664 North Michigan Ave., Chicago 11, Ill.
 Royal Metal Mfg. Company, 171 N. Michigan Avenue, Chicago 1, Illinois
 *SCHIEBER MFG. COMPANY, 12730 BURT ROAD, DETROIT 23 MICHIGAN
 John & Sjostrom, 1711-19 North 10th Street, Philadelphia, Pa.
 *NATHAN STRAUS-DUPARQUET, INC. 33 EAST 17TH ST., NEW YORK 3, N. Y.
 Thonet Industries, Inc., One Park Avenue, New York 16, N. Y.
 Weber Company, 1230 Buttonwood Street, Philadelphia 23, Pa. (Drawing)

TEACHING AIDS AND WORKBOOKS

*AMERICAN CRAYON COMPANY, 1706 HAYES AVENUE, SANDUSKY, OHIO
 The Athletic Institute, 209 S. State Street, Chicago 31, Illinois
 Milton Bradley Co., 74 Park Street, Springfield, Mass.
 Celco Corporation, 1631 10th Street, Santa Monica, Calif.
 The Chatfield-Clarke Company, 1639 10th Street, Santa Monica, Calif.
 Delta-Power Tool Division, Rockwell Manufacturing Company, 600 E. Vienna Avenue, Milwaukee 1, Wis.
 Denoyer-Gepfert Company, 5235 Ravenswood Avenue, Chicago 40, Illinois
 Dictaphone Corporation, 620 Lexington Avenue, New York 17, N. Y. (Textbook—Dictaphone Practice Course only)
 J. L. Hammett Company, Kendall Square, Cambridge 42, Mass.
 Iroquois Publishing Co., Inc., Iroquois Building, Syracuse 2, N. Y.
 The Macmillan Company, 90 Fifth Avenue, New York 11, N. Y.
 National Forum, Inc., 407 S. Dearborn Street, Chicago 26, Illinois
 Primary Educational Service, 30 N. La Salle Street, Chicago 2, Illinois
 Science Research Associates, 223 South Wabash Avenue, Chicago 4, Ill.
 Sound Scriber Corp., 148 Munson Street, New Haven, Conn.
 *STATE UNIVERSITY OF IOWA, IOWA CITY, IOWA
 United Air Lines, School & College Service, 5869 S. Cicero Ave., Chicago 38, Ill.
 H. W. Wilson Company, 360 UNIVERSITY AVE., NEW YORK 62, N. Y.
 World Book Company, 313 Park Hill Avenue, Yonkers 4, New York

TELEPHONE SYSTEMS

*EDWARDS CO., NORWALK, CONN.
 Patrick & Wilkins Company, 51 North 7th Street, Philadelphia 6, Pa.

TELEVISION AND EQUIPMENT

Admiral Corporation, 3800 W. Cortland St., Chicago 19, Ill.
 *ALLIED RADIO CORP., 833 W. JACKSON BLVD., CHICAGO, ILLINOIS
 Walter Ashe Radio Company, 1135 Pine Street, St. Louis 1, Mo.
 Concord Radio Corp., 901 W. Jackson Blvd., Chicago 7, Ill.
 *GENERAL ELECTRIC COMPANY, 1 RIVER ROAD, SCHENECTADY 5, N. Y.

Kilegi Bros., Univ. Electric Stage Lighting Co., Inc., 321 West 50th Street, New York 19, N. Y. (Studio Lighting)
 Lafayette Radio Corp., 24 Central Avenue, Newark, N. J.
 Magnavox Corporation, 2131 Bueter Road, Ft. Wayne, Ind.
 *NEUMAIDE PRODUCTS CORP., 330 WEST 42ND STREET, NEW YORK 18, N. Y. (Filmstorage and Handling)
 Newark Electric Co., Inc., 242 West 55th Street, New York 1, N. Y.
 *RCA VICTOR DIVISION, RADIO CORP. OF AMERICA, CAMDEN, NEW JERSEY
 Reeves Soundcraft Corp., 35-54 36th Street, Long Island City 6, N. Y.
 Sylvania Electric Products, Inc., 1740 Broadway, New York 13, N. Y.
 Van Sickle Radio Supply Co., 102 So. Penn. Street, Indianapolis 6, Ind.
 Zenith Radio Corporation, 6001 Dickens Ave., Chicago, Ill.

TEMPERATURE CONTROLS

Barber-Colman Company, 1300 Rock Street, Rockford, Illinois
 The Electric Hotack Co., Inc., 5055 Cottman Avenue, Philadelphia 35, Pa.
 *GENERAL ELECTRIC COMPANY, 1 RIVER ROAD, SCHENECTADY 5, N. Y.
 Marsh Heating Equipment Company, 3501 Howard Street, Skokie, Illinois
 *MINNEAPOLIS HONEYWELL REGULATORS CO., 2745 4TH AVENUE, SOUTH, MINNEAPOLIS 8, MINN.
 Weston Electrical Instrument Corp., 614 Froelichguyen Avenue, Newark 5, N. J.

THEATRICAL LIGHTING, FABRICS

Frank Adam Electric Company, 3650 Windsor Place, St. Louis 13, Mo.
 *ART CRAFT THEATRE EQUIPMENT CORP., 108 WEST 46TH STREET, NEW YORK 19, N. Y.
 Bardwell & McAlister, Inc., 2950 Ontario Street, Burbank, Calif. (Lighting Only)
 *DAZIAN'S INC., 122 WEST 44TH STREET, NEW YORK 18, N. Y.
 *GENERAL ELECTRIC COMPANY, 1 RIVER ROAD, SCHENECTADY 5, N. Y. (Lighting Only)
 Golde Mfg. Company, 1220 W. Madison Street, Chicago 17, Illinois
 Kilegi Bros., Univ. Electric Stage Lighting Co., Inc., 321 West 50th Street, New York 19, N. Y.
 Magnus, 112 West 48th Street, New York 13, N. Y.
 Rosco Laboratories, 367 Hudson Avenue, Brooklyn 1, N. Y.
 Stage Decoration & Supplies, 620 Joyner Street, Greensboro, N. Carolina

TOILETS, CHEMICAL & SEPTIC

American Radiator and Standard Sanitary Corp., Box 1226, Pittsburgh 30, Pa.
 Crane Company, 826 So. Michigan Avenue, Chicago 5, Illinois

TOOLS, MANUAL

Concord Radio Corp., 901 W. Jackson Blvd., Chicago 7, Ill.
 DeWalt, Inc., Fountain Avenue, Lancaster, Penna.

Paslee Gaulbert Corp., 226 North 15th Street, Louisville 3, Ky.
 Sarkout & Company, 45 Water Street, New Haven 9, Conn.
 Stanley Tools, New Britain, Conn.

TOOLS, POWER

*THE AMERICAN FLOOR SURFACING MACHINE COMPANY, 518 SOUTH ST. CLAIR STREET, TOLEDO 3, OHIO
 Atlas Press Company, Kalamazoo, Mich.
 Delta-Power Tool Division, Rockwell Manufacturing Company, 600 E. Vienna Avenue, Milwaukee 1, Wis.
 Boice-Crane Company, 330 W. Central Avenue, Toledo 4, Ohio
 Milwaukee Electric Tool Corporation, 5314 W. State Street, Milwaukee 8, Wis.
 Porter Cable Machine Company, 1714 No. Salina Street, Syracuse 8, New York
 *SKILSAW, INC., 5033 ELSTON AVE., CHICAGO 30, ILL.
 Stow Manufacturing Company, 51 Shear Street, Binghamton, New York
 J. D. Wallace & Company, 141 S. California Avenue, Chicago 12, Illinois

UNIFORMS

Ackley Uniform Company, 511 Washington St., St. Louis 1, Mo.
 Angelica Uniform Company, 1427 Olive Street, St. Louis 3, Mo.
 Beston Uniforms, Inc., 222 West 34th Street, New York 1, N. Y.
 Courtney Garment Co., Inc., P. O. Box 2256, Ft. Worth 1, Texas
 *METCALF BROS. & CO., 45 E. 17TH ST., NEW YORK 3, N. Y. (Fabrics)
 National Sports Equipment Co., 360-370 N. Marquette Street, Hammond du Lac, Wis.
 Russell Uniform Company, 192 Lexington Avenue, New York 16, N. Y.
 Weintraub Brothers & Company, 1321 Noble Street, Philadelphia 23, Pa.
 Whitehouse Mfg. Company, 360 North Clark Street, Chicago 10, Illinois

VACUUM CLEANERS

Braham Laboratories, Inc., 1200 West 9th Street, Cleveland 13, Ohio
 Breuer Electric Mfg. Company, 5100 Ravenswood Avenue, Chicago 40, Ill.
 Clark Sander Machine Company, 30 E. Clay Avenue, Muskegon, Michigan
 Continental Car-Na-Vac Corp., Brazil, Ind.
 A. T. Eavenson & Sons, 1004 Western Saving Fund Bldg., Philadelphia, Pa.
 Empire Chemical Products Company, 10 Longworth Street, Newark 2, New Jersey
 Eureka Williams Corp., Bloomington, Ill.
 *GENERAL ELECTRIC COMPANY, 1 RIVER ROAD, SCHENECTADY 5, NEW YORK AND 1285 BOSTON AVENUE, BRIDGEPORT 2, CONN.
 Hild Floor Machine Company, 740 West Washington Blvd., Chicago 6, Illinois
 *HILTIARD CHEMICAL COMPANY, 402 NO. 3RD, ST. JOSEPH 1, MISSOURI
 The Hoover Company, North Canton, Ohio
 *HUNTINGTON LABORATORIES, 900 E. Tipton St., HUNTINGTON, IND.
 *THE KENT COMPANY, INC., 282 CANAL STREET, ROME, NEW YORK
 Lamborn Corporation, Syracuse 1, New York
 Midland Laboratories, 210 Jones Street, Dubuque, Iowa

Multi-Clean Products, Inc., 2477 Ford Parkway, St. Paul 1, Minn.
 National Super-Cleaners Co., Inc., 1946 North 13th Street, Toledo 2, Ohio
 Ponsell Floor Machine Company, 220 West 18th Street, New York 11, N. Y.
 Pro-Test-All Company, Inc., 104 N. W. First Street, Evansville 8, Ind.
 Royal Vacuum Cleaners Company, 540 East 108th Street, Cleveland 8, Ohio
 Saspin Chemicals, Inc., 113 West Hubbard Street, Chicago 10, Illinois
 The Selig Company, 342 Marietta St., N. W., Atlanta 14, Ga.
 *NATHAN STRAUS-DUPARQUET, INC. 33 EAST 17TH ST., NEW YORK 3, N. Y.

VENETIAN BLINDS

A. T. Eavenson & Sons, 1004 Western Saving Fund Bldg., Philadelphia, Pa.
 Hough Shade Corporation, 1113 Jackson Street, Janesville, Wisc.
 Kirsch Company, Sturgis, Michigan
 M. Klair, Inc., 780 East 134th Street, New York 54, N. Y.
 *NATHAN STRAUS-DUPARQUET, INC. 33 EAST 17TH ST., NEW YORK 3, N. Y.
 The Weiss & Klein Company, 462 Broadway, New York 13, N. Y.

VISUAL INSTRUCTION EQUIPMENT

American Optical Company, Box A, Buffalo 15, New York
 *AMERICAN PRODUCTS COMPANY, 2287 HOLLERS AVE., NEW YORK 66, N. Y.
 *AMPO CORPORATION, 255 N. WESTERN AVE., CHICAGO 18, ILLINOIS
 The Athletic Institute, 209 S. State Street, Chicago 31, Illinois
 *BELL & HOWELL COMPANY, 7100 MCCORMICK ROAD, CHICAGO 45, ILL.
 Bell Sound Systems, Inc., 555 Marion Road, Columbus 7, Ohio
 Charles Beeler Company, 60 Badger Avenue, Newark 8, New Jersey
 Celco Corporation, 1631 10th Street, Santa Monica, Calif.
 The Chatfield-Clarke Company, 1639 10th Street, Santa Monica, Calif.
 Denoyer-Gepfert Company, 5235 Ravenswood Avenue, Chicago 40, Illinois
 Henry Disston & Sons, Inc., Unruh & Milnor Streets, Philadelphia 35, Pa.
 Eastman Kodak Company, 343 State Street, Rochester 4, New York
 Holmes Projector Company, 1815 Orchard Street, Chicago, Illinois
 *INSTITUTIONAL CINEMA SERVICE, 1560 BROADWAY, NEW YORK 19, N. Y.
 Keystone View Company, Meadville, Penna.
 Lawrence Camera Shop, 149 N. Broadway, Wichita 5, Kansas
 *MERRILL LEE CO., 30 1/2 E. GRAND BOULEVARD, DETROIT 1, MICH.
 *NATCO, 4401 W. NORTH AVENUE, CHICAGO 38, ILLINOIS
 *PAN-AMERICAN BAND INSTRUMENTS, 110 E. BEARDSLEY AVENUE, ELKHART, INDIANA
 Potomac Engineering Corporation, 664 North Michigan Avenue, Chicago 11, Ill.
 Primary Educational Service, 30 N. La Salle Street, Chicago 2, Illinois
 *REVERE CAMERA COMPANY, 320 EAST 21ST ST., CHICAGO 16, ILL.
 Society for Visual Education, Inc., 1345 West Diversy Parkway, Chicago 14, Ill.
 Variety Merchandise Publications, Visual Training Division, 182 Lexington Avenue, New York 16, N. Y.

VOCATIONAL EQUIPMENT

Embosograph Corporation of America, 38 West 21st St., New York 10, N. Y.
 Lyon Metal Products, Inc., 3000 Montgomery Street, Aurora, Illinois
 Milwaukee Electric Tool Corporation, 5314 W. State Street, Milwaukee 8, Wisc.
 Patrick & Wilkins Company, 51 North 7th Street, Philadelphia 6, Pa.
 Potomac Engineering Corporation, 664 North Michigan Avenue, Chicago 11, Ill.
 Vocational Guidance Manuals, Inc., 45 West 45th Street, New York 13, N. Y.

WALL COVERINGS

Armstrong Cork Company, Lancaster, Pa.
 The Birge Company, Inc., 280 Niagara Street, Buffalo 1, New York
 Devoe and Reynolds Co., Inc., 787 First Avenue, New York 17, N. Y.
 Flintkote Company, The-Tex Division, 1232 McKinley Ave., Chicago Heights, Ill.
 David E. Kennedy, Inc., 58 Second Avenue, Brooklyn 15, N. Y.
 Marsh Wall Products, Inc., Dover, Ohio
 Masonite Corporation, 111 W. Washington Street, Chicago 2, Illinois
 National Tile & Manufacturing Company, 1200 E. 28th Street, Anderson, Indiana
 The Paraffine Companies, Inc., 475 Brannan Street, San Francisco 19, Calif.
 Stage Decoration & Supplies, 620 Joyner Street, Greensboro, N. Carolina
 *NATHAN STRAUS-DUPARQUET, INC. 33 EAST 17TH ST., NEW YORK 3, N. Y.
 The Weiss & Klein Company, 462 Broadway, New York 13, N. Y.

WASHROOM EQUIPMENT

American Radiator and Standard Sanitary Corp., Box 1226, Pittsburgh 30, Pa.
 Bay West Paper Company, 345 S. Pearl Street, Green Bay, Wisc.
 *BRADLEY WASHFOUNTAIN COMPANY, 2203 W. MICHIGAN STREET, MILWAUKEE 1, WISC.
 Braham Laboratories, Inc., 1200 West 9th Street, Cleveland 13, Ohio
 Colorado Tent & Awning Co., 1642 Lawrence Street, Denver 2, Colorado
 Crane Company, 836 So. Michigan Avenue, Chicago 5, Illinois
 *EDWARD DOW & COMPANY, 2201 S. LA SALLE STREET, CHICAGO 16, ILL.
 *HUNTINGTON LABORATORIES, 900 E. TIPTON ST., HUNTINGTON, IND.
 Marsh Wall Products, Inc., Dover, Ohio
 Milwaukee Stamping Company, 830 S. 72nd Street, Milwaukee 14, Wisc.

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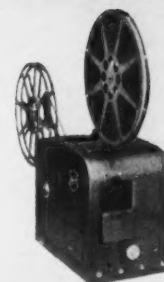
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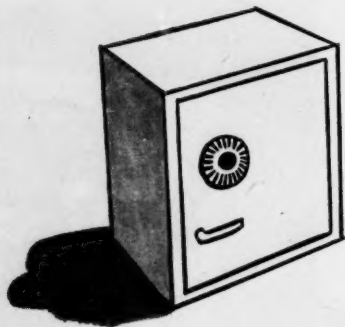
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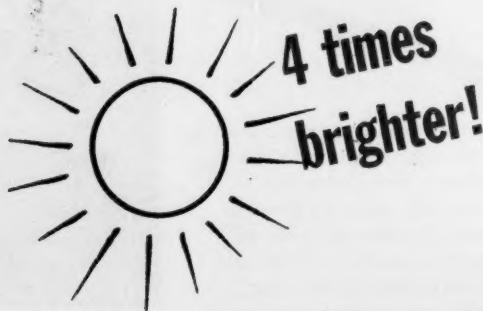
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